

CONVENTION OF PROGRESSIVES IN SESSION HERE

Missouri Unit of La Follette-Wheeler Party to Select 18 Candidates for Presidential Electors.

WILL COMPLETE ORGANIZATION

"Progressive Party of Missouri" Not Participating, but Will Hold Its Own Convention Later.

The Missouri unit of the La Follette-Wheeler third party movement will complete its organization, choose a name and select 18 candidates for presidential electors in a State convention at the Statler Hotel this afternoon. R. T. Wood, chairman of the Missouri Conference for Progressive Political Action, said the Missouri representative of the third party effort, eliminated several other groups which might have lifted the gathering from the level of business transaction to one of real strife.

No Effort to Participate.

The Progressive Party of Missouri, formed here in May by La Follette admirers with Sheridan Carlisle of St. Louis as State chairman, is one of the groups moved from the field to the sidelines, so to speak, by the La Follette managers. Carlisle has said, however, that his associates will make no effort to participate in the meeting this time, but will hold a convention of their own later.

Only persons expected to work harmoniously along the prescribed lines for the La Follette-Wheeler candidates have been invited to participate. Wood said, as unless others volunteer attendance peace doubtless will prevail.

A delegation of perhaps a score arrived by special Pullman from Kansas City, headed by Timothy L. O'Neill of Kansas City, regional manager of the third party. Other delegations were from St. Joseph, Joplin, Springfield, and the smaller cities with large industrial populations. Farmers in Southwest and Northeast Missouri also are represented.

Deliberate on Name.

Executives of the Missouri unit this morning were deliberating whether to advise that the "new movement in this State be christened 'The Liberal Party,'" or whether to call it "The Independent Progressive Party," with more favoring the first suggestion. Choice will rest with the convention.

A public gathering at Eagles Hall tomorrow afternoon will give those who desire an opportunity to hear two speakers explaining the La Follette-Wheeler aims and what the third party hopes to accomplish. They will be delivered by Benjamin Marsh, representative of the national farming organizations, and Walter Thompson Mills of California.

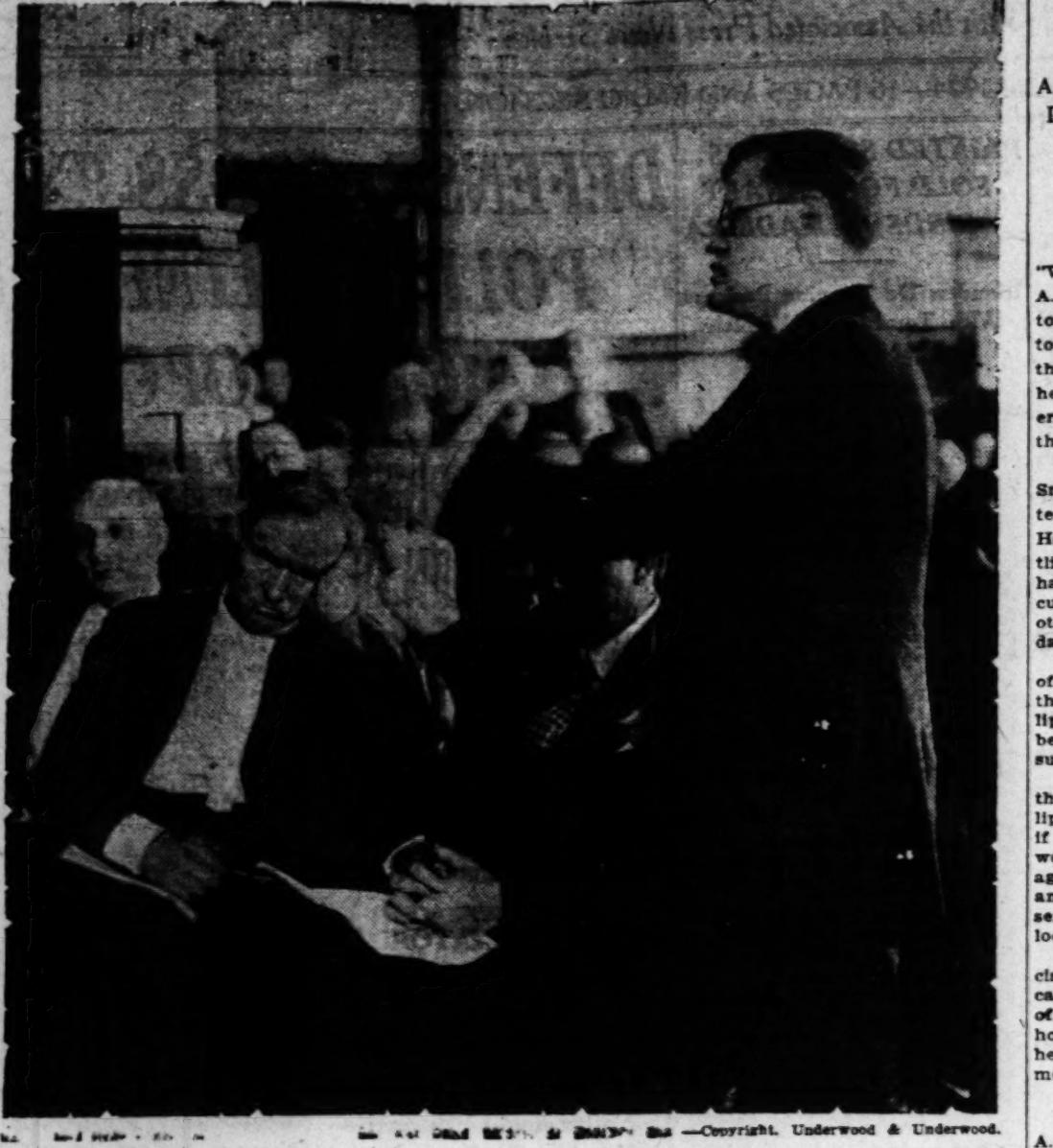
The La Follette-Wheeler headquarters at 1225-30 Tide Guaranty Building today had taken on the appearance of a real political campaign plant.

Usually independent political efforts struggle along in the back room of some out of the way suite. But not this one. It has a large set of well-equipped offices with telephones, desks, stenographers, banners, literature, speakers, and an adequate group of keen-eyed executives who know something of political fight. State and national executives of labor organizations predominate.

Make a house-to-house canvass for your lost valuables by advertising them in the Post-Dispatch's "Lost and Found" columns. The Post-Dispatch goes into 51,000 more St. Louis homes daily—84,000 more Sunday—than any other newspaper. That's why it so successfully seeks and finds.

THE POST-DISPATCH
St. Louis' One Big Want Ad Directory
Telephone Olive or Central 6600

Opposing Counsel in Chicago Murder Case



State's Attorney Crowe addressing the Court and Clarence Darrow, seated, with his head resting on his hand.

SPRINGFIELD (MO.) BANKER KILLS SELF AFTER ARREST

James L. Cartwright Swallows Poison in Florida Jail When Charged with Embzelement.

Special to the Post-Dispatch.

SPRINGFIELD, Mo., July 26.—James L. Cartwright, 40 years old, organizer of the local credit exchange and vice president of the Home Securities Co., committed suicide yesterday in Miami, Fla., by swallowing poison, according to a message received here.

Cartwright was arrested yesterday on a charge of embezzling a sum of money from the local securities company just before he went to Florida for a vacation. He was taken into custody in Miami on a warrant issued by C. A. Hubbard, Police Judge. He was taken to the Miami jail, but was permitted to remain in the jail yard instead of being placed in a cell.

Deputies left to obtain counsel for him. Cartwright's wife was with him. After the deputies had gone, Mrs. Cartwright left him for a few minutes. In her absence Cartwright swallowed the poison.

JONES NAMES SIX ASSISTANTS

National Democratic Senatorial Committee Reorganized.

By the Associated Press.

WASHINGTON, July 26.—Reorganization of the National Democratic Senatorial Committee was completed yesterday with the selection of the six Senators who will assist Senator Jones of New Mexico, as chairman.

Those designated were Senators Swanson, Virginia; Gerry, Rhode Island; Kendrick, Wyoming; Edwards, New Jersey; Bayard, Delaware, and McKellar, Tennessee.

Frank A. Hampton, private secretary to Senator Simmons of North Carolina, who was secretary and treasurer of the committee in the 1922 senatorial campaign, was re-elected.

I. C. SUSPENDS ORDER

Date for Installation of Automatic Control Systems Postponed.

By the Associated Press.

WASHINGTON, July 26.—The date on which 42 railroads of the country would have been required to install automatic control systems was indefinitely suspended today by the Interstate Commerce Commission.

"INSIDE" OF FRANKS CASE IS THAT THERE IS NO "INSIDE"

Those Who Know Most About Crime and the Slayers Are the Most Puzzled.

BY PAUL Y. ANDERSON,
A Staff Correspondent of the Post-Dispatch.

CHICAGO, July 26.—State's Attorney Crowe, announced in his opening statement Wednesday that he would show Richard Loeb and Nathan Leopold Jr. to be "cautious, crafty, cool and vicious, brutal and malignant at heart." Yesterday he put witnesses on the stand who told of ironic pranks perpetrated by the defendants in connection with the murder of Robert Franks, before they were arrested. He showed them taking advantage of their guilty knowledge to work jokes on these who did not dream that they were the real murderers. And throughout most of the testimony, the dapper and youthful defendants smiled or laughed, apparently enjoying the retical of their cleverness.

It was the most striking demonstration yet given in the courtroom of the Satanic humor which has been attributed to them. More witness pictured Loeb as abusing the name of Robert Frank, and Leopold as heartlessly desecrating his total absence of sympathy either for his victim or the late's sorrowing parents. "Brutal and malignant at heart" seemed a fair appraisal of the characters which the witnesses painted.

"I have my own code; in that code murder is not a crime," Detective-Sergeant Gorland quoted Leopold as saying. And when it was over, Chief Counsel Darrow of the defense said privately, "We

couldn't have hoped for better testimony. If that isn't a description of an insane man, I never heard one."

The most impressive testimony of the day, given by reporters and police officers, was that painting the defendants as a pair of inhuman monsters, and there was a good deal of it. The State obviously felt it could tend to convince the Court that here were two cold-blooded killers, bemoaning no clemency. The defense apparently felt no Court could attribute such a lack of human feeling to sane individuals. For these mutually contradictory reasons, the grawsome testimony seemed to suit both sides. One side, of course, will learn eventually that it was mistaken.

Self defense was given as the reason for the shooting by Mrs. Mendenhall. Her husband came home intoxicated, she said, and treated her in an abusive manner, finally threatening to kill her.

"I might as well get you now," she quoted him as saying. His defense was that he had made up his mind to kill her.

"Mike Leopold was there," said Gorland.

He said this was the only time he had talked with the defendant at the Leopold home and was positive only Michael Leopold took part in the talk.

"Was Nathan there when you found the gun?"

"No, sir."

"Did anyone tell you that one was Nathan's and one Mike's?"

"They were in different bedrooms."

"They were in different bedrooms."

"Were there two single beds in that room?"

"No, but there were in an adjoining room."

Gorland corrected himself, remembering that Nathan was present on another of the Sergeant's trips to the home. He could not recall whether Mike was present that time.

TESTIMONY OF SPENCER

Spencer Announces That Committee Has Authorized Limited Inquiry.

By the Associated Press.

WASHINGTON, July 26.—Chairman Spencer of the Senate Committee, hearing the contest over the seat of Senator Mayfield (Dem.) of Texas, announced today that at an executive session, held recently at Atlantic City, permission was given for a reopening of the case along strictly limited lines.

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ST. LOUIS POST-DISPATCH

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Da Campanha, who
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claims it is not true that the
rebel expect the support of the
interior of Sao Paulo State. On the
contrary, it is said, the inhabitants
are arming to mass against the
insurrectionists. The state President
also asserts that the newspapers of
the country unanimously condemn
the rebellion. He says that the
legal forces surrounding the Sao
Paulo are well supplied with food
and munitions.

At the final offensive against Sao
Paulo has been delayed. Da Campanha
has been in order to avert
and property. He explains
that the heavy artillery of the Federal
forces has only been used to
repel rebel attacks. He counsels
foreigners not to have any dealings
with the rebels.

The Brazilian Minister of Justice,
Jean L. Alves, in an interview sent
by the Rio Janeiro correspondent
of La Nacion, voiced confidence on
the part of the Government that
the sedition movement in the State of
Sao Paulo soon would be sup-
pressed. Alves described the outbreak
as a mere uprising of insub-
ordinate soldiers and as being
without other aims and ideals than
hosting. He said the movement
was restricted to the area of the
capital of Sao Paulo. In it a major-
ity of the State militia and a
small fraction of the former Fed-
eral troops are participating.

Report of Coffee From Santos to
Be Resumed.

For the Associated Press.
SANTOS, Brazil, July 26.—The
Chamber of Commerce voted to
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Arrangements have not yet been
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FEDERALS AWAIT CIVILIAN EXODUS FROM SAO PAULO

When Evacuation of Non-
combatants Is Complete,
Troops Will Not Hesitate
to Bombard City.

REFUGEES GOING TO NEAR-BY TOWNS

President of Sao Paulo State
Declares Inhabitants of
Interior Are Arming
Against Rebels.

By the Associated Press.
BUENOS AIRES, July 26.—Official information received here from Rio Janeiro explains that the Brazilian Federal forces now besieging the insurgents of Sao Paulo, are awaiting for the civil population to evacuate the city before undertaking an operation to overcome the rebels. It is asserted that the insurrectionists can easily be defeated when the opportune moment arrives.

It is also stated that the evacuation is being delayed by a paucity of transportation facilities. It is indicated, however, that when the evacuation is completed the Federal troops will not hesitate to use their heavy artillery freely if necessary.

In the meantime it is declared that the Federals are making steady advances and consolidating new positions. Official statements yesterday disclosed for the first time that the rebels hold Campinas, about 40 miles north of Sao Paulo, which would seem to explain why the Federals have not yet completed their plan of encircling the city. An announcement in the official communication that the Federal troops had recaptured Villa Mariana and Paraiso shows that they are within the city limits of Sao Paulo on the south. The Federal positions here are hardly a mile southeast of the city's most fashionable thoroughfare, Avenida Paulista, which is lined with mansions overlooking the valley. This street rivals New York's most famous avenues in magnificence.

Exodus of Inhabitants.

Copies of Rio Janeiro newspapers of July 21, received here, report that the exodus of inhabitants from Sao Paulo is increasing. The neighboring cities of Campinas, Santos and other places are crowded with refugees. The population of Rio, which is now said to be the headquarters of the Sao Paulo authorities, has been doubled. Many of the poor are sweltering in the slums.

The letter concludes with this paragraph: "I strongly advise my friends in the State to do as we are doing here in St. Louis, that is, concentrate on George H. Moore, who has demonstrated that he can win. To divide our strength at this time is suicide."

Moore has made no public declaration on prohibition but the Priest forces have attacked the Moore candidacy as "wet in the city and dry in the country."

Pensa said that he had paid for having the letters printed and mailed, "because this man, Moore, always has been friendly with us and I am for him, so I got out the letters."

Priest to Address Meetings This
Afternoon and Tonight.

Judge Priest will speak at Forest Park Highlands at 4 p. m. today and at Polish-American Hall, 1838 Cass Avenue, tonight. No admission fee will be charged at the Highfields for the Priest meeting. Priest will make 10 other speeches in St. Louis during next week, the last of the primary campaign.

BODY OF DROWNED GIRL RECOVERED FROM MERAMEC

Marilynne Stohlmeyer, 5 Years Old,
Fell Into Stream While Playing
on Bank.

The body of Marilynne Stohlmeyer, 5-year-old daughter of Mr. and Mrs. George C. Stohlmeyer, 5745 McPherson avenue, who was drowned in the Meramec River at Diecke, Wednesday, was found today in the river at Glencoe, two miles below.

Elmer Grosh, engineer of a dredge boat which was raising gravel at Glencoe, discovered the body, action of the buckets bringing it to the surface. The father had offered \$50 for its recovery.

The child lost her life when she slipped down a muddy bank while playing along the river with two other children in front of the Board Walk Club, across stream from Diecke. Her mother and two other women who were staying at the club, heard the screams of Marilynne's playmates. Mrs. Stohlmeyer, although unable to swim, plunged into the river in a valiant effort to save her child. The water at the point was eight feet deep and she escaped drowning by clinging to a canoe.

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Arrangements have not yet been completed for the banks to resume business, but it is expected an agreement will be reached soon to end the ten-day holiday now by the Government in conse-

SHE WILL WED SON
OF THOMAS A. EDISON



10 MEN KILLED IN PENNSYLVANIA MINE EXPLOSION

Bodies Recovered After
Rescue Crews Work All
Night Digging Through
Debris.

By the Associated Press.

GATES, Pa., July 26.—The bodies of 10 miners who met death last night when an explosion wrecked a section of the Gates mine of the H. C. Frick Coke Co., were brought to the surface shortly after dawn today. Seventy-five miners were at work when the blast came, and a check of the company list showed that 65 reached safety. Coroner S. A. Baltz, who arrived at the mine shortly after the report of the explosion reached him at Uniontown, remained there throughout the night and was prepared today to order an inquest. State mine inspectors aided him in his investigation.

Twenty-seven were left fatherless as a consequence of the explosion, while nine women lost their husbands. One of the victims was a widower.

The explosion, which occurred about 7:30 last night, was discovered in a most unusual manner, according to Coroner Baltz. John Kelly, a Gates miner, was returning to Gates from Palmer three miles away, when he noticed a peculiar settling of dust on his shirt. Kelly stopped to investigate and found that it was coal dust. Knowing that the dust from a mine very rarely reaches the surface, he glanced toward the mouth of the Palmer mine and saw a cloud of smoke and dust floating from the shaft mouth.

Kelly ran to the Palmer foreman's office and sounded the alarm. Ten rescue crews donned helmets and, believing that the Palmer workings were on fire, they went into that mine. Their search was fruitless. Kelly recalled that an old tunnel connected the Palmer and Gates mines, and he suggested that the trouble was in the latter workings.

Met Miners Coming Out.

Within a few minutes the rescuers were on their way to the mine. As they reached the shaft they met a crew of miners coming out. These miners, at work two miles from the scene of the explosion, knew nothing of the blast and said they doubted the trouble would be found in the Gates mine. But the rescuers went down and soon found the cave-in behind which the 10 bodies were located.

The rescuers were high in the shaft and the chamber in which the men were working is located about two miles from the mine entrance. The force of explosion had broken the support and brought down a wall of coal and dirt between the 10 men and their only means of escape.

There is likewise no dissent in Davis' mind, from the declaration which he made last April at the Jefferson day dinner of the National Democratic Club, when he was already considered among the principal possibilities. Then he said: "The cardinal issue of this campaign is: Have the people confidence in and do they want to continue in office the present party? It will be a vote of confidence or nonconfidence."

Stands on League Plank.

He indicated that he will stand on the League of Nations plank of the party platform, expressing the wish of the party to keep the League from becoming an issue. In this campaign so that it may be possible to submit it to the nation after election for a decision upon its merits.

Until this can be done, Davis will stay within the purpose of the party's declaration, "there is no substitute for the League of Nations as an agency working for peace," and will deal with it as defined by Newton D. Baker in his convention speech, "a practical plan for free co-operation of all nations."

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French Invent Pilotless Plane, Navigateable When Out of Sight

Aviation Expert Believes It Will Make Long
Range Guns Obsolete and Can
Decimate Armies.

Special Cable to the Post-Dispatch
and New York World.

Copyright, 1924, by the Press and Pulitzer
Publishing Co., the New York World
and the Post-Dispatch.

PARIS, July 26.—Pilotless airplanes, propelled by wireless and flying to incredible heights, rendering them invulnerable, will decimate armaments, wreck cities and make long-range guns obsolete as the bows and arrows of the Middle Ages, if planes being worked out by the French military aviators are carried to logical conclusion.

Apart from this weapon, the French Air Service is not so strong as generally believed, according to Gen. Hirschauer. He said most of its machines are of the pre-war type and do not exceed 1200 in number.

Important improvements, however, have been made in a favorite model—an all-metal airplane—notably in its manufacture with light metals, increased simplicity of machinery, and the maximum of safety.

Improvement in metallic construction makes it possible to build a machine capable of a nonstop flight of 100 hours, while airplanes are now manufactured with engines of 1000 horsepower. These are tested by a new process in tunnels where electric blowers produce artificial winds.

They seized 82 barrels of beer and emptied 42 of them into a sewer. Opening the safe, they attempted all books and records of the concern. Large vase containing beer was placed under guard, and the remaining 40 barrels, which had been on the truck seized in the previous raid, were transferred to the Jack Daniel warehouse, 2960 Duncan avenue, "to clean out the place."

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They seized 8

SECKEL AND JOHNSTON EVEN IN WESTERN AMATEUR GOLF FINAL

St. Paul Star Squares Match With "Birdies" On the Last 2 Holes

Chicago Veteran, Who Won Championship in 1911, Had Lead of 1 Up After First Nine in Morning Round of Title Match.

By J. Roy Stockton,
of the Post-Dispatch Sport Staff.

HINSDALE, Ill., July 26.—Albert Seckel of Chicago and Harrison R. Johnston of St. Paul were all even after the first 18 holes of their 36-hole final match for the Western Amateur golf championship here this morning. Johnston squared the match by winning the 17th and 18th with birdies.

There was a fine exhibition of driving in the morning round. There are few men who can out-holding his own, having the advantage as frequently as Johnston. If the men had putted with equal ability Johnston would have gone to lunch with a comfortable lead for time and again he was putting for a win and missed five and six-footers. Then he lost several holes by missing putts after Seckel away had his down.

MORNING ROUND.

Johnston had the better drive on the first hole by 30 yards and was only 15 feet from the pin on his second. Seckel, however, showed the same putting skill that characterized his play with Manion and halved the hole with a par four.

Seckel hooked into the rough on the second hole and Johnston won the hole when he pitched over a bunker with his second and sank a four-foot uphill putt for a birdie 2.

Seckel had a fine iron second to the 410-yard third hole, stopping 25 feet from the flag. Johnston's was even better, stopping between Seckel's ball and the cup, leaving the Chicagoan stymied. Seckel squared the match by running down his putt for a birdie 3, despite the stymie.

No. 4 was halved in 3, each missing a putt for a birdie by two inches.

Johnston's fine iron second on the dogleg fifth gave him a five-foot putt for a 3, but he could not run it down and Seckel, in through in one and barely on the green in two, was down in two puts and the hole was halved.

Seckel had trouble on No. 5 in previous rounds, but this morning he pitched to within 15 feet and won the hole with a 3, when Johnston found a trap with his mashie shot from the tee and overran the flag by 15 feet with his second. This put Seckel one up.

Seckel overran a 15-foot putt on the seventh, which was halved in par 5s. Both missed birdie 3s by a hair on the eighth, which was halved. On the ninth, Seckel landed on the eighteenth green and putted across to a half in 4, and made the turn 1 up.

Seckel Increases Lead.

Both registered 4s on the tenth hole but the eleventh Johnston missed a 10-foot putt, while Seckel holed a 15-footer for a birdie 4, and went 2 up. Both missed up the long twelfth. Johnston playing the pits and Seckel topping his iron for a half in 6. On the short thirteenth both scored 3, but each missed a birdie 3 by an inch on the fourteenth, which was halved in 4s. Seckel's drive was out of bounds on the fifteenth, but his fine approach and a long putt enabled him to have in par 4. Johnover approaching, Seckel's drive to the 245-yard hill top green on the sixteenth bounded 60 feet up the hill, but he ran his second down four feet from the cup and won a half in 3. Johnston showed a flash of brilliance by taking the seventeenth and eighteenth in birdie 3s.

Both were one, over par on two holes, while Johnston had three birds to Seckel's two. Three long puts kept Seckel in the lead.

Manion, Two Up and Five To Go, Loses Putting Control and Seckel Wins Out

But Seckel gritted his teeth and carried on. Perhaps the tide would turn. It did. Manion lost his putting touch, he lost the delicate touch that had been in evidence in pitch shots to the green, which hit the velvet turf and rolled up to the pins. And on No. 14 one of the approach shots was wide of the mark and the approach putt that followed stopped short. Seckel, studying every inch of the terrain, pitched to within eight feet. He went down easily in two and when Manion missed his put, the St. Louis midget's lead was cut to one.

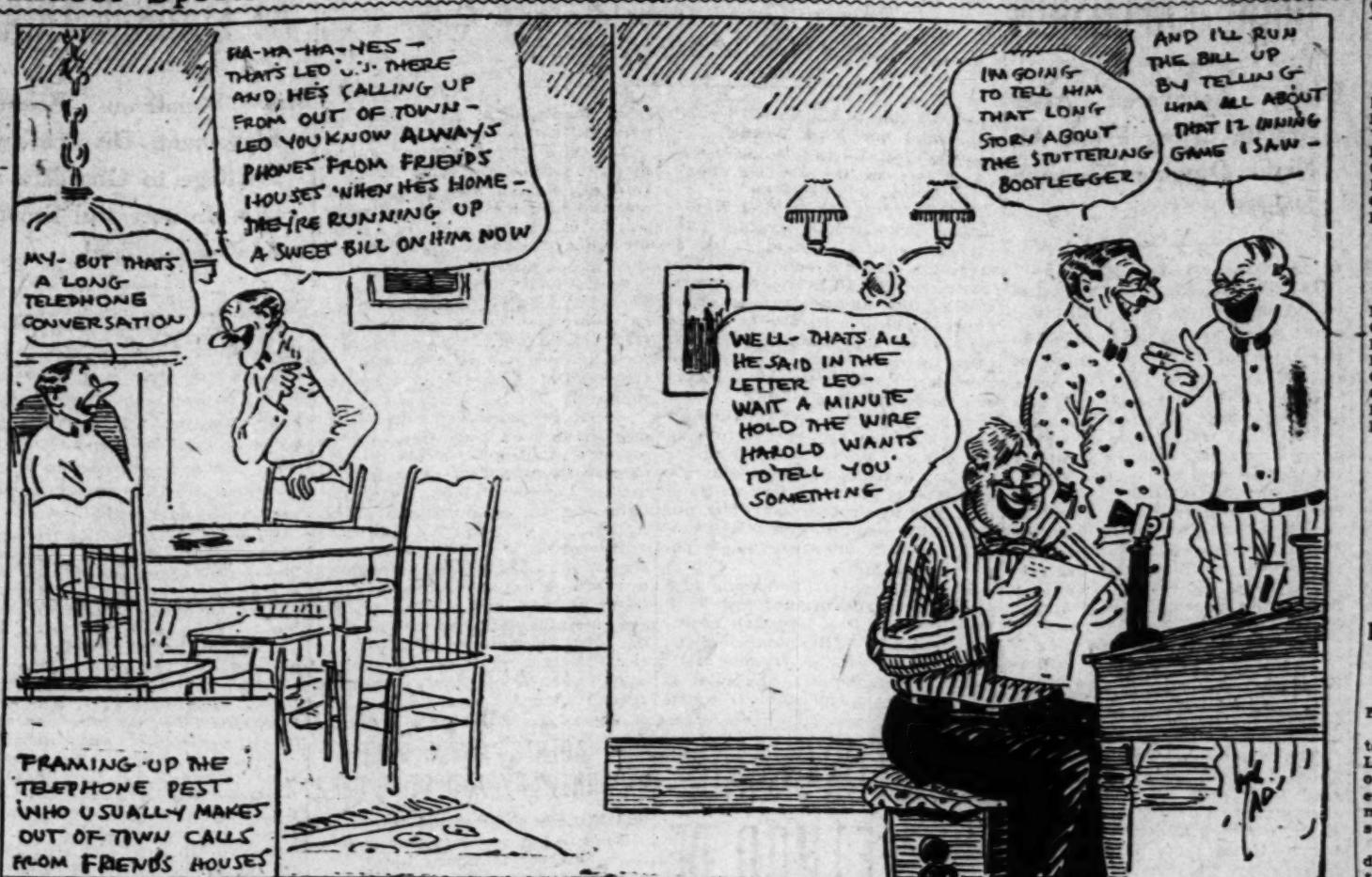
Manion Again Falters.

No. 15 was played in orthodox fashion, each being on its two and taking the trap. But on No. 16 Manion again erratic. Seckel got first and the gallery—a very martian gallery, by the way—greeted as Seckel's drive lodged in a trap to the right and just short of the green. He took a approach putt that hooked and landed in a trap 20 yards short of the green. He missed up his out, was short with his third and Seckel cheered by Manion's failure to take advantage of his error from the tee, picked up beautifully and square the mate by sinking a long putt for a three.

His mashie and putter having failed him, Manion's brassie side-golf ball was on the seventeenth. The drives were even, but Seckel's second a yard from the green, whereas Manion's brassie veered to the right and fell 20 yards short. Jim had a fine pitch to the green, but his putt was wide of the mark and when he missed coming back, Seckel, dead to the pin with his mashie, took the lead for the first

Indoor Sports

By Tad



The Cards

Morning round:

Par out . . . 4 4 4 3 4 2 5 4 —35

Johnston . . . 4 3 4 3 4 4 5 4 —35

Seckel . . . 4 3 3 2 4 5 4 —34

Par in 4 5 5 3 4 2 5 4 —37 —72

Johnston 4 5 6 3 4 2 4 3 —38 —71

Seckel 4 4 3 4 3 4 5 5 —38 —72

Algonquin Gets Seniors Tourney

Western Golf Body Awards First Holding of New Event to St. Louis.

Special to the Post-Dispatch.

HINSDALE, Ill., July 26.—Algonquin Country Club of St. Louis will have the honor of holding the very latest thing in Western golf championships—the Seniors Tournament, open only to players of 50 years of age or older. The announcement of the award was confirmed today by Charles O. Pfell, president of the Western Golf Association.

A date in October will be named for the holding of the championship, it was stated.

Conditions of the tourney call for classes according to the following age limits:

No. 1—50 to 54 years old; No. 2—55 to 59 years; No. 3—60 to 64 years; No. 4—65 to 69 years; No. 5—70 to 74 years; No. 6—75 years and over.

The players will compete at 36 and 18 holes each, on two days, in the six classes. The contestant registering the lowest score for 36 holes to be senior champion.

Prizes will be awarded to players registering the lowest gross and net scores, both at 36 and 18 holes.

EPINARD'S "AT HOME" HOURS LIMITED OWING TO THRONG OF CALLERS

Special to the Post-Dispatch.

SARATOGA SPRINGS, N. Y., July 26.—Epinard, the French horse, here for three races next fall, attracting so many visitors that Eugene Leigh, his trainer, has been forced to set receiving hours.

Hereafter Epinard will be "at home" to callers before 10 o'clock in the morning and at 5 o'clock in the afternoon.

Leigh has had Epinard led out of the stall as often in the past few days to satisfy the interest and curiosity of automobile tourists that he feels it is unfair to the horse.

He does not mind how many come to see the French champion

and taken a lead a few hours.

Then Manion slipped again. It was not the rain, though it started to pour as they finished nine. Jimmy is not bothered by water. But he lost No. 10, five to four, and was only one up. Jim was lucky on No. 11. He laid Seckel a stymie and the hole was halved in six.

Hard Luck for Seckel.

Twelve was halved in four and then Seckel ran into an unfortunate break, one that seemed costly at such a late stage of a match. His shot on No. 12 laid on the head of a spectator. It must have been a Chicagoan, for the ball bounded back 20 feet into a deep sand trap.

Perturbed by the mishap, Seckel failed to get out with two whacks and conceded the hole. Two down and five to go. It looked bad for Seckel.

Claim of "Foul" Helped Georges

Frenchman Still a Money Attraction, Though Through as a Title Prospect.

By Fairplay.
(Copyright, 1924.)

NEW YORK, July 26.—Whether Georges Carpenter's injury in the fourteenth round of the Tunney fight was faked or actual there is no doubt he stands in better position than would have been the case had he gone through 15 rounds.

For there would have been but one decision for the referee to make—all Tunney. Georges was a badly beaten man and even had he lasted out the limit the fans would have looked upon him as a back number and not worthy of further attention; that is to say, as far as big time shows go.

But now with the smoke screen which the alleged foul has raised there may be just a sufficient element of doubt to move the customer, willing to pay the price, forward to the day when England would take up the game.

"The English are especially suited to it," he said. "I hope to see it played nationally in all parts of the Empire, and I am sure it will."

Cobb substantiated statements made by him that he would retire from the game after this year.

"Yes," he said. "I shall not play regularly after this year. I shall play a few odd games, of course, but I shall follow no fixed schedule."

Polo Teams Changed.

NEW YORK, July 26.—An entire change in the personnel of the American polo team practicing for the international matches with England in September was announced by the United States Polo Association.

Eric Pedler, the Californian, will play No. 1 position on Team A in the practice match today with Tommy Hitchcock at No. 2, Malcolm Stevenson at No. 3 and Devereux Milburn at No. 4.

As a matter of fact Georges has a \$20,000 offer to go to Buffalo to meet Slattery. Undoubtedly he will hook on to this match and others.

Eddie Anderson of Moline, outscored Jimmie Johnson 10 to 8, and when Jimmie missed the last short one he missed his chance to win the hole and stay in the match.

Mixed by Two Potts.

St. Louis can be proud of the Mount City players made in the tournament. Two putts made in the tournament have given Manion his second a yard from the green, whereas Manion's brassie veered to the right and fell 20 yards short. Jim had a fine pitch to the green, but his putt was wide of the mark and when he missed coming back, Seckel, dead to the pin with his mashie, took the lead for the first

Tunney Will Never Be a Great Champion, Firpo Tells Reporter

Argentine, After Viewing Carpenter Battle, Says American Light-Heavyweight Allowed Frenchman to Force Fighting and Lacks a Real Punch.

By Luis Angel Firpo.

(Dictated to a Reporter for the New York World).

NEW YORK, July 26.—The sudden action of the Carpenter-Tunney fight in the fourteenth round when the Frenchman claimed a foul was very surprising to me. Carpenter's back was turned to me and I was unable to see whether the blow was fair or foul.

However, the Frenchman was evidently badly hurt, and I consider it most unfortunate that such an interesting fight had to end so.

I was amused at the excited actions of Carpenter's manager, Descamps, and his seconds. It seemed to me they were foolish in trying to force the officials to let the bout continue.

Tunney did not impress me as having great punching power. He is not a picturesque fighter and I did not care for his method of waiting for Carpenter to force the fighting. I don't think Tunney will ever be a great champion. I admire Carpenter's courage, especially in the tenth round, when he was down several times. It amazed me when he continually arose from the floor and carried on a game assault trying to land his right for a knockout.

I always had an idea that that right hand of Carpenter's was

too much for any man. But in that respect his showing was disappointing.

Apparently he had lost a great deal of his power and stamina, and I believe if he were younger he could knockout Tunney easily.

Carpenter is still courageous, however, and it was that courage that made the fight so intensely interesting.

TODAY'S IF TABLE

AMERICAN LEAGUE

Club	W. L.	Per.	Tod. Today	Win	Loss
Baltimore	52	.371	.371	.371	.371
New York	52	.371	.371	.371	.371
Wash'n	53	.370	.374	.374	.374
Browns	45	.360	.365	.365	.365
Chicago	44	.371	.400	.400	.371
Boston	41	.350	.357	.357	.357
Philadelphia	41	.31	.446	.432	.461

NATIONAL LEAGUE

Club	W. L.	Per.	Tod. Today	Win	Loss
St. Louis	51	.353	.344	.344	.353
Chicago	48	.378	.362	.362	.378
Pittsburgh	47	.34	.374	.374	.34
Brooklyn	46	.32	.358	.358	.32
Cardinals	39	.32	.418	.418	.412
Philippines	37	.32	.411	.411	.370
Boston	34	.37	.374	.374	.370

Tomorrow's Schedule.

AMERICAN LEAGUE

BOSTON vs. ST. LOUIS
Washington at Cleveland.
Philadelphia at Boston.
New York at Chicago.

NATIONAL LEAGUE

Cardinals at St. Louis.
Chicago at Cincinnati.
Only names scheduled.

PLAYERS IN A. L. TO DRAW SUSPENSIONS FOR DELAYING GAMES

By the Associated Press.

BOSTON, July 26.—Orders are out to speed up games in the American League. As a result the activities on the field of Ty Cobb, Tris Speaker and

CARDS LOSE TO GIANTS, 5-4

Dickerman Weakens In 7th; Hornsby Hits Homer With Man On

By Geo. W. Daley.

Of the New York World Sport Staff.

NEW YORK, July 26.—Leopoldo Dickerman was off form this afternoon and the Cardinals lost to the Giants in the second game of their series.

The score was 5 to 4.

FIRST INNING.

CARDINALS—Smith singled to center. Holm hit into a double play. Jackson to Frisch to Kelly. Holm struck out. NO RUNS.

NEW YORK—Young singled to center. Frisch walked. Wilson forced to Bottomley. Meusel filed to Blades in short left. Kelly filed to Hornsby. NO RUNS.

SECOND INNING.

CARDINALS—Bottomley singled to right. Blades lined to Young. Cooney hit to Frisch, who tagged Bottomley on the line and then threw to Kelly for a fast double play. NO RUNS.

NEW YORK—Jackson walked. Groh singled through short. Blades made a fine running catch of Snyder's long fly. Jackson holding second. Hornsby threw out swinging Jackson and Groh. A. Frisch walked. Young went out swinging. Gonzales to Freigau. TWO RUNS.

THIRD INNING.

CARDINALS—Groh tossed out Gonzales. Dickerman filed to Wilson. Meusel walked. Meusel was caught off first base. Gonzales was safe at first base. Gonzales to Bottomley. Kelly walked. Kelly was also caught off first base. Gonzales to Bottomley. NO RUNS.

FOURTH INNING.

CARDINALS—Smith filed to Wilson. Holm singled to center. Hornsby fanned. Bottomley singled to right. Holm going to second. Blades filed to Meusel. NO RUNS.

NEW YORK—Hornsby tossed out Jackson. Jackson threw out Freigau. Dickerman filed to Wilson. Meusel walked. Meusel was caught off first base. Gonzales to Bottomley. Kelly walked. Kelly was also caught off first base. Gonzales to Bottomley. NO RUNS.

FIFTH INNING.

CARDINALS—Cooney filed to Wilson. Holm singled to center. Hornsby fanned. Bottomley singled to right. Holm going to second. Blades filed to Meusel. NO RUNS.

NEW YORK—Hornsby tossed out Jackson. Jackson threw out Freigau. Dickerman filed to Wilson. Meusel walked. Meusel was caught off first base. Gonzales to Bottomley. Kelly walked. Kelly was also caught off first base. Gonzales to Bottomley. NO RUNS.

SIXTH INNING.

CARDINALS—Frisch threw out Holm. Holm singled to left. Hornsby hit a home run into the upper left-field stand. Holm ahead of him. Bottomley filed to Meusel. Blades beat a bit past the box. Blades second. Cooney filed to Wilson. TWO RUNS.

NEW YORK—Kelly walked. Wilson forced Kelly. Hornsby to Young. Groh doubled to the left-field fence, scoring Jackson. Snyder filed to Bottomley. Kelly walked out Watson. ONE RUN.

SEVENTH INNING.

CARDINALS—Jackson tossed out Holm. Holm singled to left. Hornsby hit a home run into the upper left-field stand. Holm ahead of him. Bottomley filed to Meusel. Blades beat a bit past the box. Blades second. Cooney filed to Wilson. TWO RUNS.

NEW YORK—Kelly walked. Wilson forced Kelly. Hornsby to Young. Groh doubled to the left-field fence, scoring Jackson. Snyder filed to Bottomley. Kelly walked out Watson. ONE RUN.

ROUSH TO MAKE TRIP ABROAD WITH GIANTS

By the Associated Press.

CINCINNATI, July 26.—Eddie Roush, star center fielder of the Reds, will make the trip to Europe with the Giants next fall to play for them in their first meeting of the two leagues today.

The schedule will be drafted and probably made ready for adoption at the final session of the committee tomorrow.

PRO FOOTBALL LEAGUE ADMITS TWO TEAMS

By the Associated Press.

CINCINNATI, July 26.—The Philadelphia Yellow Jackets and a Kansas City team were granted memberships in the National Football League at the first session of the meeting of the executive committee of the league today.

The schedule will be drafted and probably made ready for adoption at the final session of the committee tomorrow.

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AMERICAN LEAGUE

1 2 3 4 5 6 7 8 9 R. H. E.

NEW YORK AT CHICAGO

0 0 1

CHICAGO

2 0 0

Batteries: New York—Jones and Schmitz; Chicago—Cunningham and Schmitz.

PHILADELPHIA AT DETROIT

0 0 1

DETROIT

0 1 0

Batteries: Philadelphia—Heimlich and Perkins; Detroit—Storer and Woodall.

WASHINGTON AT CLEVELAND

0 0 0

CLEVELAND

1 1 0

Batteries: Washington—Zachary and Smith; Cleveland—Smith and Lovell.

NATIONAL LEAGUE

1 2 3 4 5 6 7 8 9 R. H. E.

CINCINNATI AT BROOKLYN

1 0 0 0 0 0 1 0 2 7 3

BROOKLYN

0 0 0 2 0 0 0 1 3 1 0 1

Batteries: Cincinnati—Benton, Shaeffer and Wingo; Brooklyn—Gaines and Taylor.

CHICAGO AT PHILADELPHIA

0 0 2 2 1 0 0

PHILADELPHIA

0 0 0 1 0 0 1

Batteries: Chicago—Koen and Hartnett; Philadelphia—Mitchell and Neale.

NEW YORK—Watson singled to left. Young filed to Smith. Holm made a nice running catch of Frisch's fly in short right. That was all Wilson's fly to the nose. NO RUNS.

CARDINALS—Mueller batted for Young and tied to Young. Flock batted for Dickerman and filed to Wilson. Watson threw out Smith. NO RUNS.

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THEODORE GUY VICTOR.

KALAMAZOO, Mich., July 26.—Theodore Guy won the feature 2-year-old race of the Kalamazoo Fair Grounds' Circuit meeting. The Chicago horse, driven by John, took three straight heats and was never beaten. By taking two final heats, the favorite, John, took the 2½ pace, the fastest run untimed with 1:50.2.

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THE WORK OF THE WORLD LOOMS LARGE—Capable workers are required. Get them through a "Help" Want Ad.**HELP WANTED—MEN, BOYS**

ART MARKET—Wanted: men at once. Art Market Co., Chouteau and Bidwell. (c7)

MAN—White, for porter work. Any day. \$15 Market. (c7)

MAN—To work on farm. Call 8510. (c7)

MAN—To work in soft drink parlor; must be good worker. Box 3018. (c7)

MAN—To work in truck parlor; must do porter work. 5015 Delmar. (c7)

MAN—Young and middle-aged, to run small business. 1000 Washington. (c7)

MAN—Young man: white; for the Friend News Service. Apply at 1000 Washington. (c7)

MAN—To sell specialties in theaters; steady work; good pay. Apply 1000 Washington. (c7)

MEAT CUTTER—Competent. Apply at once. Union and Garfield. (c7)

PHARMACEUTICAL—Young permanent no. 1. 1000 Washington. (c7)

PICKER—All kinds of household oil barrels. Your customers want to burn oil; big business. Write for details. National Oil Co., 1000 Washington. (c7)

WOODWORKER—Must be experienced on wagons and auto truck body work. 3000 Forest Park. (c7)

YOUNG MAN—Next appearance for soap advertising crew. Box 413. P.D. (c7)

YOUNG MEN—Or middle-aged men up to 40, to paint paneled rooms. (c7)

22 E. 18th St.

PARTNERS WANTED

FARMER—Wid.—With his team; one to take charge of route; state experience and give reference. Box 357. (c7)

SALESMEN WANTED

COFFEE—SALESMAN—Experienced, to handle a large bus. About \$250 a month to start. Box 1149. Post-Di

MAT SALESMEN

Excellent opportunity for experienced salesmen to connect with a well established business house; must have a good following in the trade. Commission basis only. Box R-33. Post-Di

Stock Salesmen

A permit just granted in Illinois for sale of \$100,000 preferred and common stock will be issued to those who have a reasonable publicity with actual construction of race track now in progress. Box 357. (c7)

WARM-AIR FURNACE SALESMAN—To sell to consumer, local only; one that can deal. Southwick Metal Co., Granite City, Ill. (c7)

GAL—SALESMAN—See sales manager. Olive Branch, Texas. Royalty Co., 1801 Olive. (c7)

GAL—SALESMAN—Sell Tardifair oil burners; demand small; community has been pleased. Call 228. 505 Washington. (c7)

GAL—SALESMAN—One of the most successful car men we have; careful presentation to offer to men who have been in the business. Box 357. (c7)

GAL—SALESMAN—To sell a nationally known product to retail grocery; expert drivers from travel; good pay; expected, referring and phone number. Box 357. (c7)

GAL—SALESMAN—There's a good opening in St. Louis for a man of business ability to sell for himself selling Butler Steel Buildings, garages, service stations and warehouses. Write for information and references. Butler Steel Buildings, Inc., 1326 Five Points, Kansas City. (c7)

GAL—SALESMAN—To carry a wide line of quality-priced lines of quality. To call about our products. We have territories open. Will furnish lists of all active accounts. Strictly confidential. Write to Charles G. Gandy, 1000 Washington. (c7)

HELP WTD.—WOMEN, GIRLS

BAG PATCHERS

Experienced. FULTON BAG AND COTTON MILLS. (c7)

TELEPHONE OPERATOR—1st-class, experienced; North Side. Box K-18. Post-Di

WINDERS—And operators, experienced on dresses; steady work; good pay. De Luxe Dress Co., 704 Washington. (c7)

WINDERS—For dress shop; experience to work. 2740 N. Grand. (c7)

GIRL—White, for general housework. 3rd & Franklin. (c7)

GIRL—White, for family; Missouri Bldg. (c7)

GIRL—White; for housework; no laundry. 112 E. Gore. Phone Webster. (c7)

GIRL OR WOMAN—For general housework; good home and wages. 4747 Hill. (c7)

GIRL—Experienced white for general housework. 3178 Cabanne. (c7)

GIRL—Experienced or middle-aged woman, 2 to 3 years, to care for baby. 5015 Delmar. (c7)

HOUSEKEEPER—Experienced white; general housework; good pay. 6320 Waterman. (c7)

HOUSEKEEPER—White, experienced. Call Lindell 2817. (c7)

JOB SEEKER—Fdr. Grl. Apply at once. National Cover Co., 6727 S. Broad. (c7)

LADY—6' colored, for special demands; drafting work; experience unnecessary; salary and bonus. 3821A Easton. (c7)

WATERMAN—White, experienced. Call 2284 Waterman. (c7)

OPERATORS—Experienced on ladies' hats; steady work and good pay. BERTHA HAT CO., 808 Washington, 7th floor. (c7)

WAFFLES—Once ready for work. 316 N. Jefferson. (c7)

WAFFLES—White, 2 to 3 years experience; broken jewelry false teeth Miller. 1228 Olive. (c7)

JEWELRY—WATCHES

WANTED—Good used \$1000 to \$2000 per size, any amount. Miller. 1228 Olive. (c7)

STORE and OFFICE FIXTURES

For Sale

PIXTURES—Brewery and butchers, each condition. George Sopotskin, 1545 N. Tucker. (c7)

SHOWCASE—On the way. Mr. Co., consisting of desks, tables, steel cases, typewriters, etc. Call 2284 Magnolia. (c7)

TYPEWRITERS—And bakery equipment; reasonable; good condition. Call 2284 Magnolia. (c7)

SALESMEN WANTED

GAL—Experienced, one who can actually make sales; must know the business; good pay. Call 2284 Magnolia. (c7)

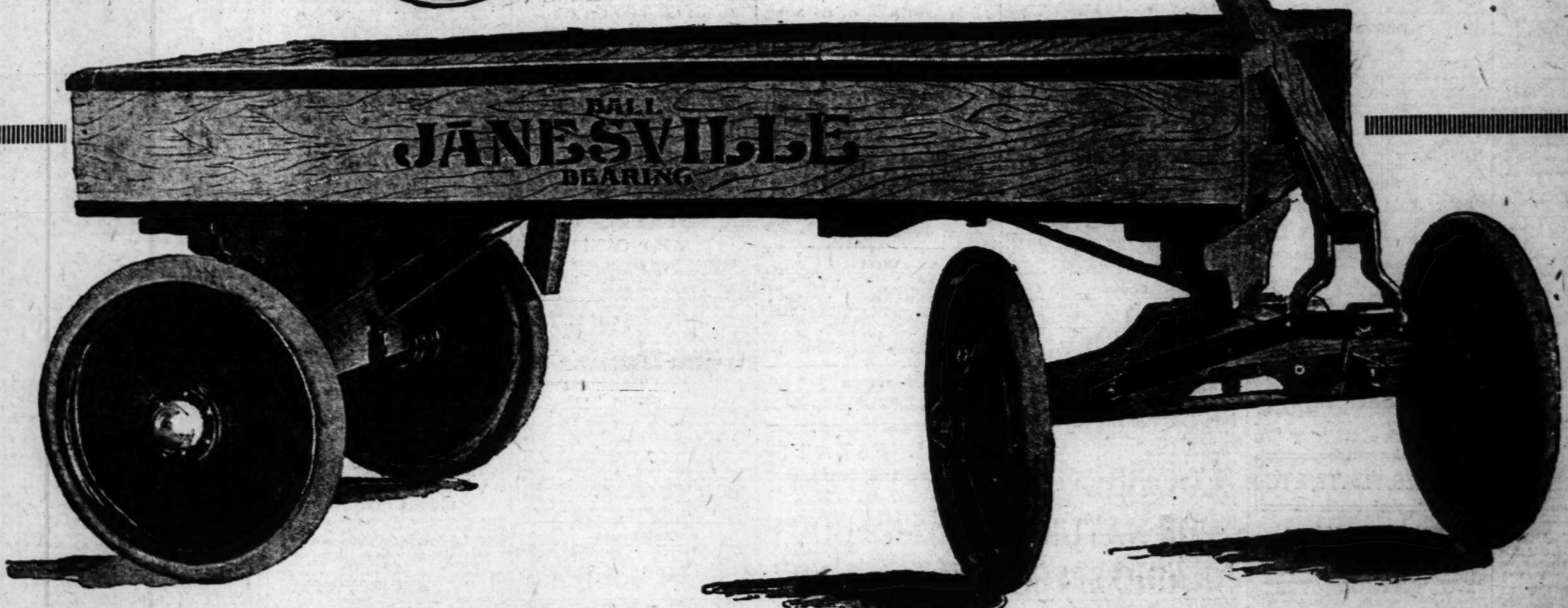
GAL—To work in truck parlor; must be a hustler; the opportunity for right man with large, well-established concern. Box K-18. Post-Di

FOR SALE—WTD

Post-Di—Want Ad Phones
Gold orders are due daily; or Sun. 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th, 101st, 102nd, 103rd, 104th, 105th, 106th, 107th, 108th, 109th, 110th, 111th, 112th, 113th, 114th, 115th, 116th, 117th, 118th, 119th, 120th, 121st, 122nd, 123rd, 124th, 125th, 126th, 127th, 128th, 129th, 130th, 131st, 132nd, 133rd, 134th, 135th, 136th, 137th, 138th, 139th, 140th, 141st, 142nd, 143rd, 144th, 145th, 146th, 147th, 148th, 149th, 150th, 151st, 152nd, 153rd, 154th, 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727th, 728th,

**Vacation
Joys for
Fun Loving Boys
are Multiplied
With**

The Good *Janesville* (BALL BEARING)



The Vigorous, Red-Blooded Boy Who Loves Action and "Go," Not Only
WANTS a JANESVILLE—He NEEDS One!

The healthy, natural craving of the growing boy for fun with action, is best satisfied with the sturdy, speedy JANESVILLE.

There's just enough adventure in its SPEED. There's safety in its STRENGTH. There's companionship in its DURABILITY—its survival of hard knocks.

These Specifications Tell the Knowing Boy and His Dad That the Janesville (Ball-Bearing) Is the Coaster Wagon That Best Suits Vigorous, Manly, Fun-Loving Boys.

10-inch, double-disc wheels—bound together with steel rim instead of rivets or spot welding. Oversize rubber tires—put on to STAY! 36x16-inch selected white ash body. Curved pole irons make steering easy.

Patented Janesville ball bearings—all wearing parts heat treated and case hardened. Heavy, selected white ash bolsters—strong and durable. Extra heavy hound and bolster braces.

½-inch cold rolled steel axles, fastened to the bolsters with metal clips instead of weakening the axle by drilling holes. Beautifully finished—body and bolsters in natural wood; wheels in red enamel.

Get Four NEW Six-Month Post-Dispatch Subscriptions and Earn a Janesville Ball-Bearing Coaster Free of All Cost to You

All Janesville Ball-Bearing Coaster Wagons Awarded by the Post-Dispatch Will Be Delivered at Enrolled Workers' Homes in the St. Louis Carrier Area. Express or Parcel Post Charges Prepaid on Out-of-Town Awards.

HERE ARE THE TERMS OF THE OFFER--READ CAREFULLY

Offer is open to boys and girls who are not identified with the sale or distribution of the POST-DISPATCH, residing within the city carrier delivery limits of St. Louis, and in towns where daily editions of the Post-Dispatch are delivered by local news-dealers.

4 subscriptions are required—each for 6 months. No extra credit for yearly subscriptions.

New subscriptions are required—from persons not now reading the Daily POST-DISPATCH, whether purchased from newsboys or newsdealers, or delivered by carrier.

Daily subscriptions are required. No credit allowed for Sunday POST-DISPATCH subscriptions. A Sunday POST-DISPATCH reader who has not been reading the Daily POST-DISPATCH may subscribe through you under this plan.

Verified subscriptions are required. We investigate the validity of the order and the subscriber's responsibility. All orders are received subject to acceptance or rejection by the POST-DISPATCH.

Home-Delivered subscriptions are required. Business district readers are better served by newsboys and cannot be included under the terms of this offer. This makes necessary a definitely restricted area in St. Louis and orders will not be accepted for delivery within the district bounded

ON THE NORTH BY CASS AV.
ON THE SOUTH BY CHOUTEAU AV.
ON THE WEST BY GRAND BL.
ON THE EAST BY THE MISSISSIPPI RIVER

Bring or send this Enrollment Blank to the Post-Dispatch Janesville Wagon Bureau, 12th and Olive Sts., St. Louis, Mo.

POST-DISPATCH Janesville Wagon Bureau, ST. LOUIS, MO.

Send instructions for getting a Janesville Ball-Bearing Coaster without paying or collecting any money.

I promise to abide by the requirements of your offer.

I understand, fully, that all orders are subject to your acceptance or rejection.

I will not tender orders from persons who now read the daily POST-DISPATCH—whether purchased from a newsboy, newsstand or carrier.

I am not identified in any way with the sale or distribution of the POST-DISPATCH.

NAME
AGE
ADDRESS

Editorial
Daily C

PART TWO.

COUNCIL OP
TO WAR RE
BY COO

President Says
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the Plans for
Defense Day, S

By the Associated Press.
WASHINGTON. Ju
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Defense day on Sept.

The President p
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asked the President to
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Declaring he had b
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The President's lette

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"My Dear Mr. Libby:
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It is to be in harmony with
purposes as expressed
occasions. * * * *
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PART TWO.

COUNCIL OPPOSED
TO WAR REBUKED
BY COOLIDGE

President Says Organization Has Misrepresented the Plans for Observing Defense Day, Sept. 12.

By Associated Press.
WASHINGTON, July 26.—President Coolidge today rebuked as "unfair those who have condemned out of hand, simply through the device of misrepresentation," the plans of the Government for observance of National Defense day on Sept. 12.

The President presented his comment in the form of a letter to Frederick J. Libby, executive secretary of the National Council for Prevention of War, an organization which inaugurated today a campaign in behalf of world cooperation for peace and which had asked the President to endorse the movement.

Declaring he had been "unguardedly sympathetic with the aim and purpose to make war, so nearly as might be, an impossibility in this world," the President in his letter made public at the White House said he could not detect "any inconsistency in giving my approval to the program of defense day."

The President's letter, dated July 22, follows:

"My Dear Mr. Libby: Some days ago I received a letter from yourself, as executive secretary of the National Council for Prevention of War, informing me that that organization is preparing for a campaign to bring about world co-operation for peace, to begin July 26-27 on the tenth anniversary of the outbreak of the great war. It is intended to be a great denunciation of the genuine peace sentiment of America. We believe it to be in harmony with your own purposes as expressed on many occasions. * * * We respectfully ask your endorsement of the demonstration."

In reply by my direction the Secretary to the President wrote to you saying:

"The President asked me to acknowledge receipt of your letter of June 26th with the assurance of his most hearty sympathy for every practical proposal to minimize the danger of war. As you know, he has repeatedly expressed himself in this tenor, and you may be sure of his continued and most genuine friendliness for every worthy and effective effort along these lines."

In Sympathy With Aims.
As is well known to all persons who have done me the honor to familiarize themselves with my public expression on this subject, I have been unqualifiedly sympathetic with the aims and purpose to make war, so nearly as might be, an impossibility in this world. Doubtless this is a counsel of prudence not to be realized without much earnest effort; to that effort, when guided along feasible lines, I have repeatedly pledged my assistance."

"It is now brought to my attention that your organization is profoundly concerned because of the assumption that the plan for a national defense test on Sept. 12th constitute a militaristic gesture. This assumption seems to be based chiefly on a confusion of terms. In some unofficial and entirely unauthorized way the defense test has been denominated 'Mobilization day.' The Government did not do this. It would be proper to call it 'Inspection day.' But it is not a mobilization, and Government is not responsible for any such designation. At least some well-meaning people have misconstrued its character and purpose, assuming that a nationwide mobilization of forces, and of the civilian and industrial resources available for national defense is to be carried out on that day. This, of course, is far from the truth."

"The Constitution and the law contemplate the maintenance of a defense establishment, which in time of peace always has been, and is now in proportion to our national power and interests, one of the smallest in the world. I have taken an oath to support the Constitution and to execute the laws of the United States. I could do this by maintaining a large standing army, I am opposed to any such plan. I am trying to work out a method by which we can have a constantly small army, and leave our citizens free from that burden by letting them assume their own responsibility for a defensive establishment sufficient to provide for domestic peace and order and national defense."

Not Military Gesture.
Instead of being a military gesture, this plan is the exact opposite. It is a nonmilitaristic measure for the purpose of keeping our to the lowest possible point the professional military organization of the United States. Our

MORGAN TELLS
HOW TO SELL
GERMAN BONDS

Allies Must Determine Upon a Policy That Will Give Security to Investors, He Says.

By Leased Wire From the New York Bureau of the Post-Dispatch.

NEW YORK, July 26.—J. P. Morgan, in a statement issued last night, on the eve of his departure for a vacation trip in Europe, said American bankers have no desire "to make any political suggestions, much less to attempt to enforce any political views," in connection with the decision for a German loan now under way in London.

Morgan reiterated that his trip had nothing to do with the London conference, but indicated that if the loan was arranged and his advice as to terms were sought, he would be glad to make suggestions for the sale of the bonds in this country. His statement follows:

"I am sailing for my annual holiday in accordance with plans made months ago. My trip has nothing to do with the London conference. Our position with reference to the matters now being discussed in that conference is very simple. We have been requested by the Allied governments to advise as to what, in our opinion, are the necessary bases for the sale of German bonds to American investors."

"In response to that request, we have given our advice. We have no desire, nor is it within our province, to make any political suggestions, much less to attempt to enforce any political views. We addressed ourselves solely to the question asked us, and it is for the Allied Governments to determine whether what we believe to be the conditions of the American investment markets can be met."

"It goes without saying that as bankers we should not ask the American investor to buy German bonds unless and until the Allies have in their own time, in their own way and for their own reasons determined upon a policy which will, in our opinion, give security to the bondholders."

This very simple and obvious fact is borne in mind it will. I think, be found that most of the question now under discussion answer themselves."

Sails on the Minnewaska.

Morgan sailed for Europe today on the steamship Minnewaska without adding to the statement which he issued last night. He said his plans for his annual vacation in Europe had not been completed, but that they would be shaped definitely after he sees how things are going abroad.

Morgan, accompanied by Mrs. Morgan, boarded the steamer by a special gangway escorted by detectives and special policemen. At his request all photographers were excluded from the steamer.

country has always relied chiefly for its defense upon the readiness of its patriotic manhood to take up arms when necessary to protect itself. After the great military effort of the United States in the World War, our army was demobilized more rapidly and completely than that of any other warring nation.

"Not only this, but the government of the United States initiated the Washington conference on limitation of armament, which brought about the highly important reduction in the naval establishments of the great powers, and which sought, though without results to effect also an agreement for reduction of armaments. Undiscouraged by the failure to effect a limitation of armaments, our Government authorized spokesmen have repeatedly since that time declared their wish to bring about a further consideration of this question with a view to accomplishing a general reduction of armed forces by land.

Nature's Power to Restore.

"The first is a reverence for nature. Boys should never lose their love of the fields and the streams, the mountains, the plains, the open places and the forests. That love will be a priceless possession for your years lengthen out."

"There is an instructive myth about the giant Anteus. Whenever, in an contest, he was thrown down, he drew his strength from his mother, the Earth, and so was thought invincible. But Hercules lifted him away from the earth and so destroyed him. There is a healing in the trees for tired minds and for our overburdened spirits; there is strength in the hills, if only we lift up our eyes. Remember that nature is your great restorer."

Life's Opportunities.

"The second is a reverence for law. I remember the town meetings of my boyhood, when the citizens of our little town met to levy taxes on themselves and to choose from their own number those who should be their officers. There is something in every such meeting, in every election, that approaches very near to the sublime. I am thrilled at the thought of my audience tonight, for I never address boys without thinking that among them may be a boy who will sit in this White House. Somewhere there are boys who will be presidents of our railroads, presidents of colleges, of banks, owners of splendid farms and useful industries, members of Congress, representatives of our people in foreign lands. That is the heritage of the American boy."

"Profoundly hoping that the outlawing of war from this world may be accomplished, I am yet unable to detect any inconsistency in giving my approval to the program of defense day. I wish crime might be abolished; but I would not, therefore, abolish courts and police protection; I wish war might be made impossible, but I would not leave my country unprotected meanwhile. The defense test seems to be a means to assume the full efficiency to the extremely modest defense force our country maintains."

"It was an act of magnificent courage when our ancestors set up

ST. LOUIS, SATURDAY EVENING, JULY 26, 1924.

PAGES 9-12

Democratic Leaders Conferring on Coming Campaign



Left to right: Cordell Hull, former chairman of the Democratic National Committee, Clement L. Shaver, the new chairman, and William G. McAdoo's chief backer, photographed in Washington while making plans for the Democratic campaign. —Wide World Photo.

COOLIDGE URGES REVERENCE
FOR NATURE, LAW AND GOD IN
RADIO SPEECH TO BOY SCOUTS

Group About to Sail From New York for Meeting in Denmark Receive God-Speed From President.

By Associated Press.
WASHINGTON, July 26.—Reverence for nature, for law and for God was laid down as the fundamentals of Boy Scouting and of American institutions by President Coolidge in an address delivered last night at the White House and transmitted by telephone to a farewell meeting in New York for a group of Boy Scouts who will sail tomorrow to attend an international gathering of the organization at Copenhagen.

The President bade the scouts farewell in his capacity as honorary president of the American Boy Scouts, and enjoined the departing boy to show in the foreign associations in the scout movement that they desired to protect and cherish their own country and contribute to the well-being, right-thinking and true-living of the whole world."

Fifty-Two Scouts Sail on Leviathan.

NEW YORK, July 26.—About 1,000 Americans of Scotch birth or descent sailed today on the Anchor liner California for a tour of the historic places of Scotland. A little farther down stream the Leviathan steamed for open sea with a group of 52 Boy Scouts chosen for their superlative performances in the crafts and devices of Scouting. The boys will participate in the international Jamboree of the Boy Scouts in Copenhagen Aug. 10-17, where they will compete against the Scouts of European nations.

The Power of Faith.

"The third is a reverence for God. It is hard to see how a great man can be an atheist. Without the sustaining influence of faith in a divine power we could have little faith in ourselves. We need to feel that behind us is intelligence and love. Doubters do not achieve; skeptics do not contribute; cynics do not create. Faith is the great motive power and no man realizes his full possibilities unless he has a deep conviction that life is eternally important, and that his work, well done, is a part of an everlasting plan."

Harry Lauder Puts Up \$50.

The Scotch excursion includes representatives of almost all Scottish club and association in the United States. Sir Harry Lauder has forwarded \$50 to be given to the passenger who gives the best Lauder imitations during the voyage.

"These are not only some of the fundamentals of teachings of the Boy Scouts. They are the fundamentals of our American institutions."

Nature's Power to Restore.

"The first is a reverence for nature. Boys should never lose their love of the fields and the streams, the mountains, the plains, the open places and the forests. That love will be a priceless possession for your years lengthen out."

"There is an instructive myth about the giant Anteus. Whenever, in an contest, he was thrown down, he drew his strength from his mother, the Earth, and so was thought invincible. But Hercules lifted him away from the earth and so destroyed him. There is a healing in the trees for tired minds and for our overburdened spirits; there is strength in the hills, if only we lift up our eyes. Remember that nature is your great restorer."

Life's Opportunities.

"The second is a reverence for law. I remember the town meetings of my boyhood, when the citizens of our little town met to levy taxes on themselves and to choose from their own number those who should be their officers. There is something in every such meeting, in every election, that approaches very near to the sublime. I am thrilled at the thought of my audience tonight, for I never address boys without thinking that among them may be a boy who will sit in this White House. Somewhere there are boys who will be presidents of our railroads, presidents of colleges, of banks, owners of splendid farms and useful industries, members of Congress, representatives of our people in foreign lands. That is the heritage of the American boy."

"Profoundly hoping that the outlawing of war from this world may be accomplished, I am yet unable to detect any inconsistency in giving my approval to the program of defense day. I wish crime might be abolished; but I would not, therefore, abolish courts and police protection; I wish war might be made impossible, but I would not leave my country unprotected meanwhile. The defense test seems to be a means to assume the full efficiency to the extremely modest defense force our country maintains."

"It was an act of magnificent courage when our ancestors set up

Snapshots of Americans
at Olympic Games

POST-DISPATCH

It Sets the Pace!

Get the Big Sunday

ENGLAND AND FRANCE DODGE
VITAL ISSUE OF INDIVIDUAL
ACTION, KEYNES DECLARES

Economist Writes That Dawes Scheme Offers
No Solution Unless Question Is
Faced and Settled.

By JOHN MAYNARD KEYNES, Noted British Economist and One of the British Experts at the Versailles Peace Conference. Special Cable to the Post-Dispatch and New York World.

LONDON, July 26.—One item among the conclusions of the conference (on the Dawes report), so far disclosed, is so vital both to the acceptance of the ultimate scheme by Germany on the one hand, and by the investors of the world, on the other, that it deserves to be picked out for emphasis and warning.

If the German Government asks these questions they are entitled to a reply. Is there any reply to which both the British and French Governments can subscribe? Is it not a continuation of the worst traditions of our post-war diplomacy to present unanimously to the German document, the most important adherents to which interpret it in different ways, and are well aware that each interprets it in a different way?

There should be some decent limit to the divergence between politicians' declarations out of office and in office. It is not creditable to Ramsey MacDonald—to whom personally, if rumor is to be credited, and not to his Cabinet or his party, the surrender is to be attributed—that it should have been left to international financiers to recall him to a sense of honest behavior between nations.

(The foregoing article by Keynes appeared in *The Nation* in London this week.)
Copyright, 1924, by the Press and Publishing World and the Post-Dispatch.

EINSTEIN AT LEAGUE MEETING

Scientist Welcomed Back on Intellectual Committee.

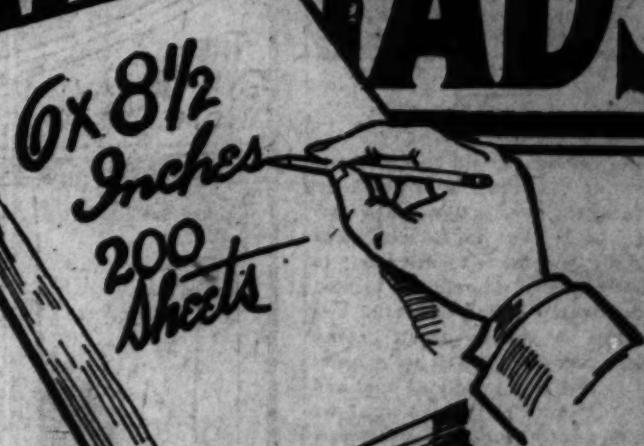
By the Associated Press.

GENEVA, July 26.—The presence of Dr. Albert Einstein, author of the Einstein theory of relativity, special importance to the fourth session of the League of Nations' Committee for Intellectual Cooperation, which opened yesterday. Prof. Einstein was named a member of the committee when it was organized, but resigned from it about a year ago because of disagreement with the league policy. When asked recently to again become a member of the committee, he consented, explaining that "conditions have changed."

Prof. Henri Louis Bergson of the French Academy presided over the session. In welcoming Dr. Einstein, Prof. Bergson said the presence of the German scientist was significant as showing the growing inclination of Germany to join the League.

RUMANIA INCREASES TARIFF.

BUCHAREST, July 26.—The Rumanian import duties have been placed on a gold basis effective Aug. 1 and the rates have been increased from 100 to 400 per cent.

LARGE SIZE
SCRATCH PADS7¢
EACHTHREE FOR
20 CENTS

These Pads are made up in blocks of approximately 200 sheets. They supply ideal scratch paper at a price so low it is business economy to have a liberal supply on hand. The Scratch Pad habit saves more than its cost in preventing the waste of expensive stationery.

Get a Dollar's Worth Today

No Mail or Phone Orders

Call at or send to the Business Office of the
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ST. LOUIS POST-DISPATCH
Founded by JOSEPH PULITZER
Dec. 12, 1878.
Published by the Pulitzer Publishing
Company, Twelfth Boulevard
and Olive Street

**THE POST-DISPATCH PLAT-
FORM.**

I know that my retirement will make no difference in its cardinal principles, that it will always fight for progress and reform, never tolerate injustice or corruption, always fight demagogues of all parties, never belong to any party, always oppose privileged classes and public plunderers, never lack sympathy with the poor, always remain dedicated to the public welfare, never be satisfied with merely printing news, always be drastically independent; never be afraid to attack wrong, whether by predatory plutocracy or predatory poverty.

JOSEPH PULITZER.
April 10, 1907.

LETTERS FROM THE PEOPLE

The name and address of the author must accompany every contribution, but on request will not be published. Letters not exceeding 200 words will receive preference.

Why Voters Don't Vote.
To the Editor of the Post-Dispatch.

EVERY day we see editorials in the newspapers in regard to the average citizen's neglect of his duty as a voter. Perhaps if the average citizen could get his viewpoint before the newspapers they would better understand the reasons why the everyday man does not take the trouble to vote.

In the first place, mere numbers of votes means nothing. In our last presidential election the number of votes cast was tremendous, yet the administration for which the record-breaking vote was cast was without doubt the rottenest we have had in a generation.

Secondly, in many cases the average man shows horse sense and intelligence by not voting. In the election for the amendment of the State Constitution, what did the average man know about it? Few men had the time or legal training to enable them to study its wording and decide which was best, the old or the new. In refusing to vote on the question the average man was simply showing evidence of honest intelligence.

Now, take our own city. There is the free bridge built with the people's money. The location and design would suggest that it was built for a railroad bridge. Perhaps that is where the free part comes in—free to the railroads. When the bonds were voted the people were led to believe that they would receive big returns on the investment. Next, take the new courthouse. The people voted bonds for a new courthouse so that they could pay the bonds but that the lawyers, bankers, and a dozen other crowds would decide the location.

So it is without end until the average citizen is bewildered and disgusted with public affairs. He prefers to leave things as they are rather than vote for a change which may be for the worse. He believes all politicians alike and can see little choice between candidates.

What we need is to get back to old-time honesty. As Senator Walsh has said, the public has the right to demand common honesty from its public officials. When the day comes that the average man can cast his vote for a cause or a man, in which he has confidence, knowing that if that confidence is violated the guilty person will be quickly and fittingly punished, he will no longer hesitate to cast his vote. EX-SOLDIER.

Hinkle From Franklin County.
To the Editor of the Post-Dispatch.

THE imprisonment of Carl O. Magee in New Mexico, on charges of contempt of court, and the issuance of a pardon by Gov. Hinkle, reminds that Gov. James Hinkle is a native of Missouri. He is the son of the late M. Paris Hinkle, a prominent stockman and farmer, who resided near Boles, Franklin County, Mo., about 50 miles west of St. Louis. After his father's death, some 20 years ago, "Jim" removed from the old home on the Missouri River bluffs, where he had spent his boyhood, to Roswell, N. M. There he engaged in business and became Governor of the State of his adoption. THOS. B. CREWS.

Other Tourist Camps.
To the Editor of the Post-Dispatch.

AFTER reading "Proud Kansas City's" letter in regards to St. Louis tourist camp, I too, will make a few remarks. In regards to Kansas City's tourist camp, you have to drive out to their lovely park, wherein is located their tourist camp on top of a hill. You register, just as you do in all camps. Well, their overseer allotted us a space of about 10 feet in a puddle of mud and told us we had to stay there until we left. They have about eight gas plates to cook on, for which you pay, in an open house, and also a long dining table, all open, to eat on. I have a picture of same. So Kansas City has nothing to brag on for a tourist camp.

We toured for four months last year through Missouri, Kansas, Nebraska, South Dakota, Wyoming, Montana, Idaho, Washington, Oregon and California, and the farther west you go the better the camps. We were treated lively at all the camps, and as my husband said, no one compels us to tour, and we must take nothing as we find them and be thankful. But one thing I can say and that is if a city or town has a good tourist camp, that city has plenty of free advertising.

A good camp is a good investment. It must have a good store to sell supplies, as that is one good investment. Sheridan, Wyoming's citizens took the most interest in its tourism; free show every evening; gas 5 cents a meal; free reading room, writing materials, laundry, showers.

So, now, get on the tourist map and you have plenty of free advertising.

MRS. F. W.

MR. MOORE'S OPPORTUNITY.

The Antisaloon League of Missouri has looked over the candidates for State offices and issued its ultimatum of approval and disapproval. This smug, superior assumption is one of the Antisaloon League's most detectable functions, but in the present instance it has accurately diagnosed one phase of the primary situation.

Discussing the candidates for the Democratic nomination for Governor it says that Judge Priest, F. S. Loftin and George H. Moore, all of whom it bans, "will split up most of the wet vota between them." As regards Mr. Loftin, his name might be omitted since he cannot seriously be considered a factor. As to Judge Priest and Mr. Moore, the judgment is correct. They will divide the support which either of them would largely command should the other withdraw.

In the circumstances, then, it does seem as if it would be excellent practical politics for one of those contestants to retire. Moreover, a much weightier reason than that of practical politics may be urged. It really is a matter of first-class public importance that the truly liberal sentiment of this State be given a chance to register itself—to show its actual strength. The forces of intolerance as represented by the Antisaloon League insist that they are in the majority in Missouri. It is a mistaken claim, we believe. The point, however, could be removed from the realm of belief or conjecture and irrefutably established if one liberal candidate could have the field to himself.

To who is the truly liberal candidate in the primary race—the liberal without fear or qualification—there can be no sincere question. Judge Priest has earned that distinction. It may be that Mr. Moore is as liberal as Judge Priest in every respect; his convictions may be identical with those of Judge Priest. Some of his friends may make that claim for him. The Antisaloon League formally files that accusation against him. But however that may be, the fact remains that Mr. Moore has not the courage of his convictions which Judge Priest has shown, and, without disparagement, has not Judge Priest's profound, comprehensive knowledge of the history and philosophy of government nor his equipment of experience and judgment. Indeed, there are very few men in Missouri with the practical and intellectual equipment which Judge Priest possesses for meeting the issue of the times—the issue of Americanism as against fanaticism—or constitutional government as against the tyranny of misguided zealots—of democracy as against bureaucracy.

That George Moore is a man of parts is undeniable. He administered the difficult office of Collector of Internal Revenue efficiently, tactfully and to the satisfaction of all our citizens. He has attractive qualities. He has a personal following. But that following, as he himself is well aware, is not sufficient to nominate him. It may, however, be sufficient to defeat Judge Priest and thus nominate a Democratic candidate for Governor whom the Antisaloon League endorses. Mr. Moore's personal strength may be enough to defeat the forces of liberalism and to enable intolerance to boast of its supremacy in Missouri. Finally, there is no other Democrat in the primary contest who can draw as many Republicans as Judge Priest.

It is a step entirely to the good which, sooner or later, may touch the lives of all of us.

played with a steel needle at his bedside? That politician who fills the air with carefully platitudinous bunk, should he not be sent up for a year of solid oratory, to be supplied by colleagues of his own sappies persuasion? Those young things who write so many letters to matines and film heroes, should they not be set down to a bushel basket of such billets with instructions to classify the declarations? Those auditors who talk loudly in the theater, is there any punishment adequate for them?

THE FARMER-LABOR CONFLICT.

Conflicting interests embodied in the La Follette cause are illustrated in the bitter fight of the railway labor organizations on the Railway Labor Board. The unions are resisting and denying the jurisdiction of the board and are blacklisting Congressmen who voted against the Howell-Barkley bill, which would have abolished the board.

The purpose of the brotherhoods, of course, is to remove an impediment in the way of the quick effectiveness of strikes. These strikes are always for causes which add to the cost of operating the railroads. An equally important cause for the farmers now revolting against the old parties is the reduction of freight rates. How can freight rates be reduced with mounting costs of operation? The La Follette cause can promise to be all things to all men. It cannot help one class out of the pockets of another and make both richer.

A LEGISLATIVE TRIUMPH.

It is welcome news that out of the confusion and discouragement of events in Washington can come such a measure as our correspondent, Mr. Ross, describes the new Rogers law to be. This act, covering employment in the diplomatic service, is pronounced one of the most meritorious pieces of legislation which Congress has enacted in many a day. It is aimed to make the consular service a profession of promise instead of so many berths open to gentlemen loafers of the required political affiliation.

The new bill, by establishing standards of qualification, pay and permanence of tenure on a non-political basis, substitutes a system of efficiency for one of political pull and low quality. That, in itself, is a sufficient end. But the ultimate effects may be broader and deeper. The new system means a reduction of the spoils system in national politics and thereby weakens the hold of the national political machines. It develops men in small positions in the foreign service for the larger posts in which properly trained men are ever in demand. By progressive steps, then, it means an improvement in our foreign relations to the end both of international friendship and better markets for American products.

It is a step entirely to the good which, sooner or later, may touch the lives of all of us.

PROTECT THOSE PRISONERS.

In the matter of the proposed library for the St. Louis Jail, it is to be hoped that discretion will be employed in the selection of the books.

Jailbirds, no matter what they have done, have their rights. It may be questioned whether anybody is justified in inflicting upon them some of the things put out nowadays in the name of books. Even prisoners are entitled to be exempted from cruel and inhuman punishments.

And then there is the question of the prisoners' morals. Just because a man is locked up and cannot defend himself is no reason why he should be exposed to the risk of contamination by contact with contagious books. We owe it to our prisoners to protect them from impairment of morals and manners while they are guests at our jail.

It would be a terrible indictment of well-meaning philanthropy if persons received at the jail in good moral condition were to go out from there tainted with unwholesome sophistication.

There is encouragement, though, in the personnel of the Library Committee of the Public Welfare League. The librarians of the Public Library and of St. Louis University and Washington University can doubtless be depended upon to exercise a wise censorship in the interest of holding up the standards of our jail residents.

PUNISHMENT TO FIT THE CRIME.

The Los Angeles Judge who sentenced a speeding motorist to copy out the traffic accident stories from every paper in the city for six months may or may not have been reading Dante's Inferno. At any rate he has adopted Dante's scheme of fitting the punishment to the crime. It is a scheme so good, and with such promise of effectiveness that it might well be tried in other cases and on other types of the law-breaker or the social nuisance.

That neighbor who runs his phonograph nightly after all others in his vicinity are asleep, should he not be sentenced to a solid week of "limehouse blues?"

BOUND TO GET THERE SOME WAY.

(From the Pittsburgh Sun.)



ST. LOUIS POST-DISPATCH, SATURDAY EVENING, JULY 26, 1924.



JUST A MINUTE

Written for the Post-Dispatch
By CLARK MCADAMS
(Copyright, 1924)



There is a widespread belief among Republicans that improvement in grain prices will put most of the grain farmers back on the party reservation. This opinion reflects the slight extent to which the insurgent movement is understood. It is less what his crops sell for than what everything he buys costs that accounts for the grievance of the farmer. Farm crops have not been bad except in this comparison. What did the farmer do to deserve this? To have crop prices forced down by the fortunes of production. What he must do is to get for less what he has to buy. The farmer knows this. Consequently he talks less about the price of wheat and corn and more of railroad rates and the tariff. It is not merely that farming has become unprofitable since the war cost the farmer his export market. Farming has been steadily declining as a profitable industry for 25 years. No single act of Congress can restore to farming the estate it enjoyed once. The farmers are going right on with their revolt despite increasing prices for farm products. They mean to share power with all other business in Congress and upon all the boards and commissions which construe the law. There is an education; it is not an impulse. They will be in the next Congress in greater numbers than ever and caring even less about party. It was the Republican party, to which the wheat farmers all belonged, that made peasants of them. They are going to get their men upon the commissions which decide what railroad rates and tariff rates shall be, what constitutes price fixing and when trusts can be trusted. They have a cause, and they are going ahead with it though grains go to war prices and beef cattle even jump over the moon.

Restaurant sign in one of the big apartment districts in the West End:

Why make your wife cook in hot weather when we are glad to do it?

Sir: The campaign slogan which the Republicans have adopted, "Keep cool with Coolidge," is the nearest thing to a superfluous that can be imagined. For his very name and personality, or lack of it, rather, conjure up visions of frosty nights and polar breezes which are a good antidote for the most sultry day.

Not since Fairbanks ran for Vice President has any candidate appeared on a presidential ticket who so much reminded one of iceberg and snow-capped peaks. What the public really wants is someone who can warm up to, and the party that counters with the slogan, "Keep warm with Blank," is more than apt to corner the market.

Mr. Mellon has been asked to break the financial deadlock in Europe, but he hasn't any better luck than he had with the Republican insurgents in Congress he will likely precipitate another world war.

Only one American was a straw hat to the King's garden party at Buckingham Palace, presumably somebody who did not have his wife along to do his thinking for him.

Polemarchus: Maybe he will.

Socrates: The truth is, of course, that with making laws without and we have brought ourselves where all other peoples have always brought themselves. The Romans had so many laws that the Emperor Justinian at last burned the statute books and substituted for them the celebrated Justinian Code. Maybe some wise man like Priestus, who has the courage to life his voice against this evil, will do this in Missouri.

Polemarchus: Then that is settled.

Socrates: Now let us reflect upon what we have said and see if we are as foolish as people usually are.

The MIRROR OF PUBLIC OPINION

This column is designed to report without bias the latest comment by leading publicists, newspapermen and speakers on the questions of the day.

ARTS AND CRAFTS
From the Baltimore Evening Sun.

D. JOHN C. FRENCHE, professor of English in Johns Hopkins University, authority for the statement that the average business man uses only 400 words in his correspondence. That may not be enough, it is probably all he needs. Let me add, for example, a typical business letter:

Dear Sir: Yours of 12th inst. received and contents noted. Will you reply that unless goods are in hand by July 25 will cancel order.

Tours respectfully,
JOHN BROWN.

Now, suppose the business man is in a thing of a higgiby, with a dozen or more literature into business. He might read something like this:

Dear Sir: I hereby acknowledge receipt of your esteemed communication of July the thirteenth. The information therein contained in, I regret to say, is not consonant with the business practices according to which I have been accustomed to formulate the policy of my establishment.

It is therefore incumbent upon me politely to inform you that the manufactured articles which you desire to have delivered to you do not conform to the contrary notwithstanding the aforesaid manufactured articles not received upon the day aforementioned, I regret exceedingly that I should be constrained to exercise my discretion and refuse acceptance of them thereby depriving you of the enjoyment of your industry.

It was, I believe, Miles who popularized the phrase: "They also serve who only stand and wait." That is, however, in scarcely applicable to my business. Rather do I hold the sage utterance of the ancient that "procrastination is the thief of time." I trust that in the pursuit of my dearest endeavor you will be directed accordingly. Believe me, my dear sir, very respectfully yours,

JOHN BROWN.

The reaction to that letter may be imagined. It is safe to assert that the writer would soon find himself and his business in a state of "inevitable doom." When the business man likes to think that counters with the slogan, "Keep warm with Blank," is more than apt to corner the market.

O. S.

CONGESTED PATENT OFFICE
From the Washington Post.

T HE call of the Secretary of the Interior for co-operation of bar and patent associations in the formation of a committee of review and suggestion relative to the form of patent procedure showed no good results. The increasing number of applications for patents has resulted in a backlog that, under present methods of dealing with them, will require a great amount of time and personnel of the department, and avoidable. The committee of review and suggestion is proposed with a view to obtaining the best thought of men dedicated to deal with the problem of which includes simplification and acceleration of process in the Patent Office.

Going
Away
Before you start on vacation, arrange for the Daily and Sunday Dispatch mailed to you. Address changes should be advised on the first of each month. Mail your order to the Circulation Department, Post-Dispatch, or to the advertising department. Circulation Department, Post - DISPATCH, Suite 6600.

SATURDAY,
JULY 26, 1924.
GEORGE F. TOWER
DIES AT AGE
82
Owner of Tower Building
succumbs From Heart
attack at Home

George F. Tower Jr., 82, died suddenly of heart attack at his home, 27 Vandeventer, at 1 a.m. today.

He was owner of the building at Sixth and Olive, at the south end of the Tower Building, and a director of the Tower National Bank. He was in the building farming and had a cow.

His wife, Carrie, and Mrs. Eugene Pettus, Miss Sarah Tower, succeeded in completing the arrangements.

WISDOM BROWN, FOUND

OF HERESY, FILED

Presented to the U.S. Court of Appeals.

Review.

By the Associated Press.

GEORGE F. TOWER JR. DIES AT AGE OF 62

Owner of Tower Building Succumbs From Heart Disease at Home.

George F. Tower Jr., 62 years old, died suddenly of heart disease at his home, 25 Vandeventer place, at 1 a.m. today.

He was owner of the Tower building, at the southwest corner of Sixth and Oliver streets; president of the Tower Nut Products Co. and a director of the State National Bank. He was interested in farming and had a country estate at Clarksville, Mo.

His wife, Carrie, and daughter, Mrs. Eugene Petrus, and sister, Miss Sarah Tower, survive. Funeral arrangements have not been completed.

BISHOP BROWN, FOUND GUILTY OF HERESY, FILES APPEAL

Presents 20 Alleged Errors to Special Episcopal Court of Review.

By the Associated Press.

CLEVELAND, O., July 26.—Bishop William Montgomery Brown of Galion, O., found guilty of heresy by a trial court of eight Episcopal Bishops here recently, appealed the case yesterday to a special court of review slated to meet in October, citing a list of 20 points of alleged error.

The appeal, drawn by Attorney Joseph C. Shantz of Dayton, O., and presented by Attorney Edward Bouchelle of Cleveland, declared one of the judges in the trial court, the Bishop of Michigan, was not a lawful member of the court and another, the Bishop of Spokane, was not notified of the time or place of the trial and at no given opportunity to attend.

The appeal also asserted the court erred in refusing Bishop Brown the right to examine members of the court in overruling the defendant's motion to require the church advocate to give him a bill of particulars.

HOFFMAN'S WILL CONTESTED

Woman Alleges Playwright Was "Unduly Influenced" in Making It.

By the Associated Press.

NEW YORK, July 26.—Mrs. Minna L. Hoffman, widow of Aaron Hoffman, the playwright, yesterday filed objections to the probate of her husband's will, alleging he was wholly incompetent and unduly influenced when he signed it. The value of the estate was estimated at \$150,000.

Hoffman, who died last May, left his half-interests from his plays and one-third of the remainder of the estate to his widow and her daughter, Phyllis E. Moore, and the rest to his sisters, Esther and Goldie M. Hoffman of Chicago. Upon the death of his wife and her daughter all the royalties and the estate were to go to the sisters.

Philipine Chief Justice Dies.

MANILA, July 26.—Manuel Arevalo, Chief Justice of the Philippines Islands, died today. The Justice of the Supreme Court are appointed by the President of the United States.

Hawaiian Woman Dies at 101.

That man is some-
times good to repro-
duce a comment by the
papers and period-
icals. Let us take
the day.

RAFTS.

John H. professor of Eng-
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CANDLER SAID TO HAVE PAID WIFE \$60,000

She Will Not Contest His Divorce Suit, Atlanta Newspaper States.

By the Associated Press.

ATLANTA, Ga., July 26.—Asa G. Candler, millionaire founder of the Coca-Cola Co., made a cash settlement of \$60,000 on his wife, Mrs. May Little Ragin Candler, prior to bringing his suit for divorce on grounds of cruelty, and she will not contest the case, the Atlanta Journal said yesterday.

It is understood, the newspaper added, that Mrs. Candler has waived all claims to alimony. The suit is expected to be called for trial in Superior Court here this fall.

The divorce petition was filed one year after the wedding and several months after the arrest of Mrs. Candler, W. J. Stoddard and G. W. Keeling in a fashionable apartment house here by the then Chief of Police, James L. Beavers, who charged that he found them at a table upon which repposed a partly filled bottle of whisky.

The cases against Mrs. Candler and Keeling were dismissed in police court, while Stoddard was bound over on charge of violating the prohibition law.

Candler married Mrs. Candler, formerly a public stenographer and his second wife, on Jan. 21, 1923, shortly after a suit for \$500,000 alimony was filed against him by Mrs. Onealda Bouchelle of New Orleans, in which a jury several months later found for the capitalist.

After an extended honeymoon, they returned here to reside in Candler's palatial home in Druid Hills. Early this year Mrs. Candler went to live with her mother and the divorce suit was filed several weeks ago.

PRESIDENT'S FATHER BACK HOME FOR HAY CUTTING

"This Is Simple, but It Looks Good to Me," He Says on Return From White House.

By the Associated Press.

PLYMOUTH, Vt., July 25.—John Coolidge, father of the President, returned to his home yesterday after a 10-day visit at the White House. Standing on the threshold of his home where he was met by the housekeeper, Coolidge, said that he had had a nice time, but that "home's a pretty good place after all."

Then looking along the low and irregular roof line of the home stead, a single story and attic house, with barn and other low ceiling eaves adjoining he added:

"This is simple, but it looks mighty good to me. Now to get the hay in."

But he did not cut hay today. Instead he chatted with the persons who came to see the house where the President was born and where he took the oath of office and as soon as courtesy would permit went again to the grave in the cemetery in the hill where the President was born.

"There is a book here," he said, "about the history of the railroads that I will write myself." He enjoyed it all very much, especially a cruise on the Presidential yacht, Mayflower.

Another BARBARA MURRAY BECOMES LADY DOUNE

First One Wed in 1924—Second Is American Bride of Son of Earl of Easton.

Correspondence of the Associated Press.

LONDON, July 26.—The marriage of Lord Dounreay, son of the Earl of Morton, to Miss Barbara Murray of New York, was celebrated on the family estate at Dounreay Lodge by the usual custom of serving a cake and wine banquet to the help.

One of the older employees of the estate made a speech in which he said there hadn't been a Lady Dounreay for 114 years, and that a curious coincidence was that the eighth Lord Gray, an ancestor of the present Lord Dounreay, married a Miss Barbara Murray in 1854.

Steamship Movements.

Arrived.

New York, July 25, United States Copenhagen.

Naples, July 19, Britannia from New York.

Southampton, July 25, Majestic, New York.

Hamburg, July 25, Orbits, New York.

Sailed.

Bremen, July 24, Columbia, for New York (and sailed from Southhampton July 25).

Naples, July 20, Delta Alteherie, New York.

Alexandria, July 21, President Hayes, New York.

Bremen, July 24, President Roosevelt, New York (and sailed from Southampton July 25).

Amsterdam, July 25, New Amsterdam, from Rotterdam.

Two Letter Carriers Retired.

Special to the Post-Dispatch.

WASHINGTON, July 26.—The retirement under the civil service retirement act of Edward A. Webster, who entered the postoffice service in 1890 and of George W. Miller, Jr., who entered in 1892, both St. Louis letter carriers, was announced today by Postmaster-General New.

A GLIMPSE AT THE NEWEST BOOKS . . .

"THE FARMING FEVER," by Wheeler McMillan. (Appleton.) "THE NATURAL BUSINESS YEAR," by Elijah Watt Sels. (Shaw).

"THE BUSINESS OF RAILWAY TRANSPORTATION," by Lewis H. Haney. (Ronald.) "MARKETING PRACTICE," by Percival White and Walter S. Hayward. (Doubleday-Page). By MANUEL HAHN.

"IT" is the last summer I spend in town," grunted the Tractor Magnate as he removed his wilted collar and planted himself firmly in front of a fan. "Next year I'm going to buy me a farm and retire."

"Gee, are you that rich?" asked the Architect. "Let me design your house for you."

"I can't afford to retire, but I can buy a place in the country and raise corn and hogs and chickens. Think of the freedom of it. You want to fish, there are no restrictions to interfere. And the corn gets higher and the hogs get fatter, anyway."

"Better read up on it before you start," said the Architect. "I find a farm to the city when I was 18, and I never saw a roseate existence like mine."

"Oh, that was long ago, before you had radio, and autos and all that."

"Like a book thou talkest," said the Lawyer. "Here's the book, 'The Farming Fever.' Read it and weep. It tells the tales of such gullibles as you who think the farms owes them a living."

"Read of the dangers that beset the tiller of the soil ere he collects the silver from the toll. Read of cholera, and rust, and hired men, and cultivating corn at 4 g. m. on a dusty summer morn. Then, if you still want to farm, may the Heavens be kind to you."

"Well, the farming business is a business, I know," said the Magnate. "I'll capitate, surrender, give up. It's too much for me. But I insist that I want a farm. I shall compromise. I'll buy a place near the city, hire the architect to build me a home, get the lawyer to prosecute my freight claims, have the Professor keep me abreast of the literature of the country."

"Then add to our farming library this book on 'The Natural Business Year' closing accounts and inventories," the Professor interjected. "You may get some ideas about your bookkeeping."

"It is written by one of the founders of a great firm of public accountants, a man whose experience as a railroad man and as a specialist in Government accounting prepared him to weigh carefully his recommendations before he set them on paper. Aside from the interest of the pages of the book, the short prefatory life of the writer, who died before the book was finally printed, is of great interest."

"If you're going to be a farmer," put in the Lawyer, "you must get acquainted with the farmer's great problem — transportation. Our coming presidential campaign will be fought out on these lines, the railroad lines—if it takes all summer and part of the winter."

"There is a book here," he said, "about the history of the railroads that you should study. It is written for the shipper, mainly. It tells how rates are made, and why. It tells of Interstate Commerce Commission rulings. It tells how to ship, and how to get the best

Another Great Drama Starts TODAY
Betty Compson IN THE POWERFUL DRAMA
White Shadows AT THE ICE-COOLED
DELMONTE EVERY DAY 3 TO 11
Where the 250-ton ice plant, put in operation for the first time today, keeps the temperature.....

72°
27 GIRLS IN A BIG SNAPPY
MUSICAL REVUE AND A NEW SCREAMING COMEDY
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3-DAY RIVER TRIPS
Take a three-day river trip down the beautiful Mississippi on the new steamship GIAUDEAU. Times on the river every convenience. Sailing dates, round trip.

Up the Golden Eagle River to the Falls of St. Anthony and the Mississippi. Round trip \$13.50.

Up the Mississippi River to Lake Pepin and the Mississippi. Round trip \$13.50. Round trip \$13.50.

Up the Illinois River to the Falls of St. Anthony and the Mississippi. Round trip \$13.50.

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Up the Mississippi River to

ST. LOUIS POST-DISPATCH

TUESDAY, JULY 26,

SAYINGS OF MRS. SOLOMON
By HELEN ROWLAND

MAN'S LITTLE LOVES.

VERILY, my Daughter, all the days of her life a woman seeketh The One Great Love. And, until she findeth it, her heart is not satisfied.

But a man is more wise. For he contenteth himself with a thousand and one little loves, wherewith his life is made a thing of joy.

Lo, there are the love of his horse, and the love of his pal, and the love of his dog, wherewith his heart is filled.

And the love of his motor-car which cheereth his spirit.

There is the love of his work which seasoneth all his days; and there are the love of his pipe and the love of his fireside and the love of his books, wherewith his evenings are mellowed.

Likewise, there is the love of the woman who flattereth him—and the love of the woman that amuseth him.

The love of the woman that comforteth him—and the love of the woman that piqueth his curiosity.

The love of the flapper that danceth with him—and of the high-brow that inspirseth him.

The love of the vamp that allureth him—and the love of the dumbbell that relaxeth his spirit.

For though one woman may be the sun of a man's existence, yet doth it require many satellites and footlights to make up his solar system.

Yes, though one woman may hold a controlling interest therein, yet is his heart always syndicated amongst many women: and each one in her turn getteth her portion thereof.

And, lo, if one love faileth him, he taketh no heed thereof: for there are not ninety and nine others wherewith to fill its place?

But a woman scorneth all the little loves, save as guide-posts to the One Great Love.

Yes, verily, as a miser she hoardeth her emotions and saveth her sentiments, that she may lavish them all upon ONE human being with a bold spot and embonpoint and the golf mania.

Yet do men wonder at woman's infinite capacity for LOVE, For they comprehend not the workings of a single-track heart.

SELAH.

THE HOME KITCHEN

By JEANNETTE YOUNG NORTON
The Authority on Home Cooking

Attractive and Delicious Egg and Cheese Dishes

EGG and cheese dishes are so frequently used to replace frequent dishes in warm weather that it is wise to keep on hand a number of recipes for their making. Each dish calls for the cheese best adapted to its making. While the bottled, grated Parmesan cheese is good with macaroni pasta or Italian soup, it is not suitable for many of the other cooked dishes. The cheese generally used is so-called English dairy or else American sharp cheese. Both of these varieties are rich and flavorful when they are cooked. This cheese may be grated several days before it is used, though for a cheese soufflé the cheese should be freshly grated so as to be light and fluffy.

Cheese balls to serve with salad should be well flavored and rather highly seasoned. One way of making them is to boil one little slice of calf's liver until it is tender, then chop it as fine as possible and work it into a package of fresh cream cheese, adding the juice of an onion, "pepper, salt, a salt-spoonful of sugar, a teaspoonful of very finely minced celery leaves and six salted almonds pounded fine. Work the paste smooth, adding a little bit of cream to get it to the right consistency, then form it into small balls. Serve four balls on white lettuce leaves to a portion, topping them with a little mayonnaise made without mustard. For variety, instead of incorporating the nuts in the mixture, the balls may be rolled in powdered nuts.

Cheese Fingers.

Cheese fingers to serve with a salad are always good. Work smooth a quarter pound of butter and the same amount of grated cheese. Add a half salt-spoonful each of cayenne pepper and salt. Work all these ingredients into a quarter pound of flour, adding slowly, enough water to make the dough.

Eggs. Gnocaverse.

Put into as many pastry shells as needed a little hot, well-seasoned, panned spinach. Place a poached egg on top of each and mask it with a rich cream sauce to which a tablespoonful of grated cheese has been added. Garnish each dish with parmesan.

Egg Fritters Royale.

Beat six eggs, adding to them two tablespoonsfuls of cream and a little salt and pepper. Pour the mixture into a greased mold and let it steam until it is well set. Cool and unmold it and cut it into strips a half an inch thick, each wide and two and a half inches long.

Part of the First

lesson in air castle building with variations in night star-gazing.

NEW SERIAL

To Start Monday

A Splendid Story by Mildred Barbour, Entitled "FAIR WEATHER WIVES" Will Start on This Page Next Monday

It Will Tell in a Delightful Way of MAJORIE BOICE-NEVINS, youngest and prettiest daughter of a wealthy Long Island family, has been reared in education to further the social schemes of her pretty, frivolous, selfish mother,

CHARLOTTE, and her two elder sisters.

JULIE, who is now married to Norris Barclay, a broker, and LEILLA, wife of Ivan Erskine, a concert singer, and of her brother,

DAN, who is at Harvard. Boice-Nevins, who is in a bad way in Wall Street turns for aid to

REED HOLLISTER, a powerful young influence in the financial world, whose clean, active life has been singularly free of women.

Vignettes of Life—



ESTHETIC DANCING — WHATEVER THEY'RE LEARNING THEY'RE HAVING A GOOD TIME AND IT KEEPS THEM OUT IN THE OPEN AIR

How to Awaken Your Hair With the Correct Shampoo

By LUCREZIA BORI
The Famous Spanish Prima Donna

THE beauty care of the hair is such an absorbing subject that I feel it could readily devote much more time and space to it than I do.

There are so many things to say on hair culture in these days when women are paying much attention to the care of complexions and figures and hair. I think the most important thing is naturalness.

All you need is simply:

A small amount of good olive oil.

A bit of absorbent cotton and a saucer.

You should apply the oil to the roots of your hair before a shampoo.

The saying that we cannot improve on nature is such a very true one! We can aid nature in many, many common-sense ways, but cannot try to improve on it in some unnatural way without paying the penalty of having the unnaturalness very apparent.

Suppose your hair has become dull and lifeless and lost the vitality which made it stand up from your scalp and fairly bristle with life and energy. How much better to bring back the life and energy

to your hair than to buy a

hair tonic.

So often I see women who have very pretty hair make what I think is the fatal mistake of having their hair dyed or bleached or restored.

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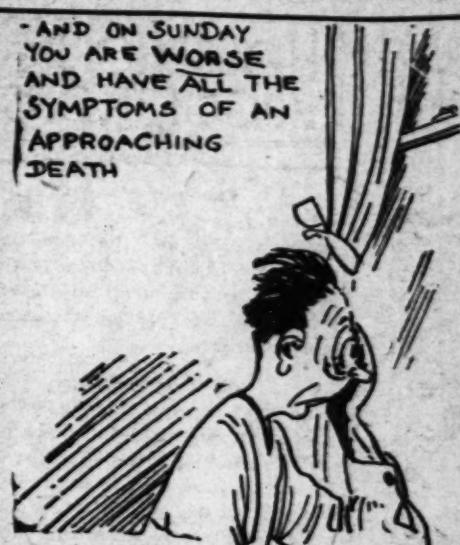
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AIN'T IT A GRAND AND GLORIOUS FEELING—By BRIGGS

the Man on the Sandbox by L.C. Davis

CRABBING THE MUSE

A POET sat beneath a tree
Apostrophizing flowers;
He sat there in a reverie
For hours and for hours.

The poet, long his brain did rack;
His efforts came to naught,
For a bumblebee got on the track
And wrecked his train of thought.

SIGNS AND SYMBOLS.

The boot is still the symbol of
the shoemaker, although boots are
no longer worn even by bootleggers.

The cigar store Indian is no longer seen in his accustomed haunts. The bookmakers put him out of business.

The barber pole is still the symbol of the barber's trade. In ye olden tyme the barber used to bleed his customers for a dime. Now he bleeds you for a buck before you get out of the chair.

The barber used to be by way of being the village surgeon in those days when blood-letting was considered the proper thing, and between his razors his cups and his leeches he managed to let quite a bit of blood.

There being no nine-inning haircuts the barber used to fill in with a Current Events while giving his customers a high and round.

For a period following the advent of the safety razor the barber was in bad case. But bobbed hair has put him back on Easy street. To the ladies!

The man who goes into a barber shop for a shave will need a haircut also by the time the barber gets through with the flapper ahead of him.

QUOTE SO.
The man on the sand box says

FAVORITE STORIES

By Irvin S. Cobb

WITH THE REVERSE ENGLISH.

In the middle of the season the street carnival came to grief and the performers found themselves stranded far from home in a Middle Western town. The strong man of the main sideshow set out to find himself a local job.

His first opening came from a man who, in the absence of the owner, was running a river-front saloon—this was in the pre-Volstead days—and who did not feel equal to the task of maintaining etiquette when the roustabout trade was brisk. He offered the Hercules a temporary position as official chucker-out.

The proprietor returned in due time and unannounced. His substitute was not on watch when he returned but the strong man was and him the owner addressed for information. What was his mission in life, with particular regard to being in a saloon bareheaded?

"I'll show you," returned the mighty one. "Do you see that big guy asleep behind the stove? Just watch me."

He walked over and plucked the sleeper from his chair as he might pick a violet in the dell. With one hand he held his captive in front and with the other hand he opened the front door for an exit that opened out in the middle of the street.

The strong man turned to the landlady.

"How do you like my work?" he asked, with professional pride. He wasn't even breathing hard.

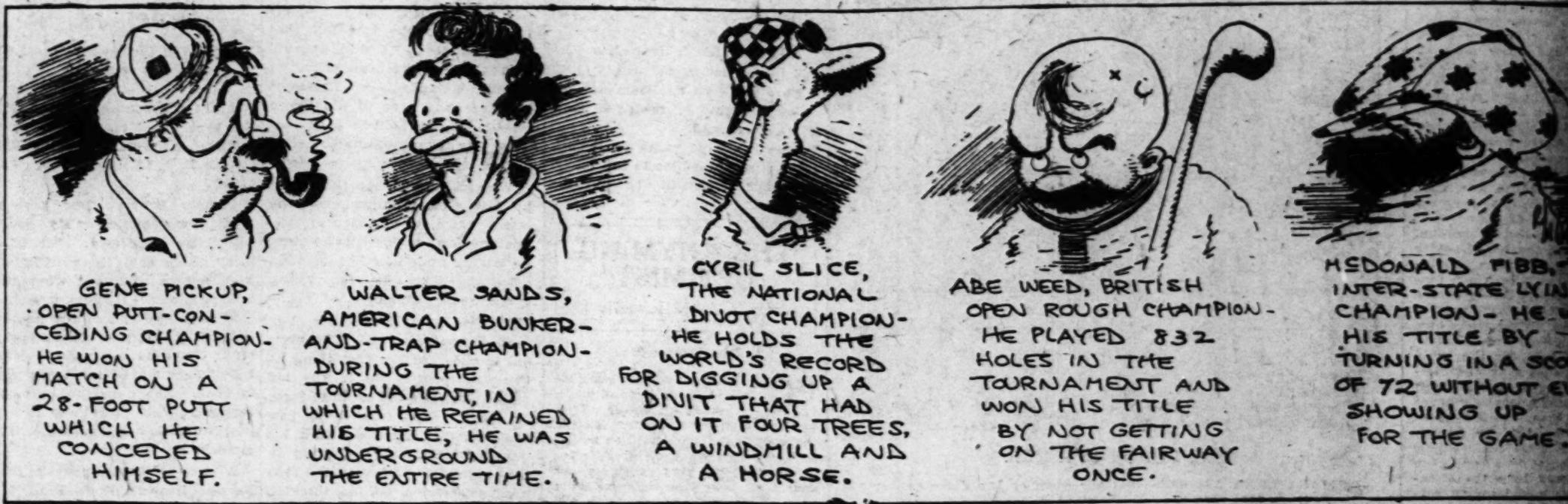
"Great," said the owner. "Your form and technique are both perfect. What do you get a week?"

"Twenty dollars a week, which I don't think is enough."

"Neither do I," agreed the proprietor. "Still in the present state of business in this establishment I don't need a bouncer to throw 'em out. But I tell you what I'll do—I'll give you twenty-five a week to stand outside and throw 'em in."

Copyright, 1934.

UNKNOWN GOLF CHAMPIONS—By RUBE GOLDBERG



BRINGING UP FATHER—By GEORGE McMANUS



THE POWERFUL KATRINKA—By FONTAINE FOX



ST. LOUIS POST-DISPATCH

WEEKLY RADIO GUIDE



BROADCASTING PROGRAMS OF PRINCIPAL STATIONS

SECTION of the ST. LOUIS POST-DISPATCH

SATURDAY, JULY 26, 1924.

RADIO AND THE WEATHER

New theory proposed by French scientists about the connection between storms and radio—"Static" may prove to be important aid in predicting the approach of atmospheric disturbances :: :: ::

By E. E. FREE, Ph. D.
Fellow of American Association for the
Advancement of Science.
(Copyright, 1904.)

ice of the French Army, and Monsieur Regnald Bureau, one of Gen. Ferrie's scientific aides.

(Copyright, 1924).
■ VER since the earliest days of hu- be

EVER since the earliest days of human history man has been trying to discover in advance what the weather was going to do. In caveman times the medicine man, who was priest, magician and scientist all rolled into one, used to go through his magical rituals in order to foresee or to control the rains that made the crops. In modern times the officials of the Weather Bureau read the pressure of the air and the temperature and similar conditions in order that they may try to guess what tomorrow's weather will be.

Gen. Ferrie and Monsieur Bureau have been studying the occurrence of static in

France. Last February they had already concluded that it had much to do with the passage of storms of rain and snow over the great mountain mass of the Alps. Now they have gone farther and have connected it with the relations between hot and cold air currents in the atmosphere, not only over the Alps but over the whole of France.

If you are a radio fan I do not need to tell you what static is. For the fraction of my readers who are still unbit-

Neither the caveman's magic nor the science of the Weather Bureau has been overly successful. What the weather will be like tomorrow remains a good deal of a gamble. Weather forecasting is still a business where the most essential thing is to be a good guesser.

And all the time, we begin now to suspect, the weather itself has been talking to us and telling us what it was going to do. It has been doing it by radio. In ancient days these radio messages were not even perceived. The radio waves went through a caveman, as they go through us, without any recognized effect on the body. And even after men had radio receivers, that is, since about 1920, the weather signals have been still unnoticed. They have been sent in a

This code of weather messages is, it
now seems probable, nothing else than
what the radio fan calls "static."
The suggestion has been made severa-
l times in the past two years, but it comes

in the past two years, but it comes
fore most definitely as the result
of an extensive investigation just com-
pleted in France and reported to the
Academy of Sciences by Gen.
Emile Ferrie, Chief of the Radio Serv-



**LOCAL BROADCAST-
ING SCHEDULES, FOR
THE COMING WEEK,
PRINTED ON PAGE**

RADIO PROGRAMS OF PRINCIPAL STATION TO BE

CKAC—MONTREAL, CANADA (430 METERS)

TUESDAY, JULY 20.

7 p. m.—Kiddies' stories in French and English.

7:30 p. m.—Concert from the Mount Royal Hotel main dining room.

8:30 p. m.—Varieties from La Presse studio.

10:30 p. m.—Cabaret from the Mount Royal Hotel roof garden.

THURSDAY, JULY 21.

9 p. m.—Special entertainment.

SATURDAY, AUG. 2.

7:30 p. m.—Rex Battle and his Mount Royal Hotel concert orchestra, featuring Benjamin Scherzer, violinist.

8:30 p. m.—La Presse specials.

10:30 p. m.—Joseph C. Smith and his Mount Royal Hotel roof garden merry-makers.

KDKA—PITTSBURG, PA. (326 METERS)

SUNDAY, JULY 27.

5:30 p. m.—Dinner concert by the Pittsburgh Athletic Association Orchestra, Gregorio Scalzo, conductor.

7:30 p. m.—Radio Chapel services conducted by the Rev. McElwee Ross, pastor of the First United Presbyterian Church, McKeesport, Pa.

MONDAY, JULY 28.

5:30 p. m.—Dinner concert by the KDKA Little Symphony Orchestra, Victor Saudek, conductor.

8 p. m.—Concert by KDKA Little Symphony Orchestra, Victor Saudek, conductor, and Virginia Boyd, soprano; C. Hayes Jr., baritone; Caroline Myer, accompanist.

TUESDAY, JULY 29.

5:30 p. m.—Organ recital by A. L. Taylor from the Grand Theater, Pittsburgh.

7:15 p. m.—Lecture by S. H. Williams of Slippery Rock State Normal School from the University of Pittsburgh studio.

8 p. m.—Concert by the KDKA String Quartet, Mrs. G. Schirkow, soprano, and Oscar Helfenstein, pianist.

10 p. m.—Concert.

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10 p. m.—Concert.

WEDNESDAY, JULY 30.

5:30 p. m.—Dinner concert by the Pittsburgh Athletic Association Orchestra, Gregorio Scalzo, conductor.

8 p. m.—Concert by Mildred Irene Prentiss, soprano; Leon La Martin, whistler; Agnes Tillbrook, accompanist; Josephine Cridland, violinist, and Arden H. Thomas and Sebastian Sapienza, saxophones.

THURSDAY, JULY 31.

5:30 p. m.—Dinner concert by the Pittsburgh Athletic Association Orchestra, Gregorio Scalzo, conductor.

8 p. m.—Concert by the KDKA Little Symphony Orchestra, Victor Saudek, conductor, assisted by Katherine Boggs, soprano; Carl Schoen, baritone.

10 p. m.—Concert.

FRIDAY, AUG. 1.

5:30 p. m.—Organ recital by Paul Fleiger, from Cameo Motion Picture Theatre, Pittsburgh.

8 p. m.—Concert by the South Avenue Church mixed quartet, consisting of Mary Shaw, soprano; Grayce Clawson, mezzo soprano; Agnes Jones Lee, mezzo contralto; Fred Wise, baritone; Bebbie Z. Smith, reader; Corrine G. Bell, pianist and accompanist.

SATURDAY, AUG. 2.

5:30 p. m.—Dinner concert by the Westinghouse Band, T. J. Vastine, conductor.

6:45 p. m.—Last minute helps to teach-

ers of adult and secondary classes, by Carman Cover Johnson, author of "How to Teach Adults."

8 p. m.—Concert by the Westinghouse Band, T. J. Vastine, conductor.

WEEKLY RADIO GUIDE—Section of the St. Louis Post-Dispatch—July 26, 1924.

KFI—LOS ANGELES, CAL. (469 METERS)

SUNDAY, JULY 27.

10:00 to 10:45 a. m.—L. A. Church Federation service.

6:45 to 8:00 p. m.—Crosby Sisters and Sigma Pi violin trio.

8:00 to 9:00 p. m.—Ambassador Hotel Concert Orchestra.

9:00 to 10 p. m.—Wes Bennett's Pasadena.

10:00 to 11:00 p. m.—Packard Six Orchestra.

MONDAY, JULY 28.

8:00 to 9:00 p. m.—Evening Herald Radiolians Dance Orchestra.

9:00 to 10 p. m.—Rod Loring's Orchestra.

10:00 to 11:00 p. m.—Ambassador Hotel Cocoanut Grove Orchestra.

TUESDAY, JULY 29.

6:45 to 8:00 p. m.—Acadian organ recital.

8:00 to 9:00 p. m.—Ambassador Hotel Cocoanut Grove Orchestra.

9:00 to 10:00 p. m.—Program presented by "Jane," of the "Jane recommends" column in the Examiner.

10:00 to 11:00 p. m.—Lawrence Lambert Concert Co.

WEDNESDAY, JULY 30.

6:45 to 8 p. m.—Detective stories and vocal concert.

8:00 to 9:00 p. m.—Evening Herald-Wright Rejuvenators Orchestra.

9:00 to 10:00 p. m.—Program presented by the League of American Penwomen.

KGO—OAKLAND, CAL. (312 METERS)

6:45 to 8:00 p. m.—Henry and Bon Ton Orchestras.

8:00 to 9:00 p. m.—Ambassador Cocoanut Grove Orchestra.

9:00 to 10 p. m.—The Kentucky popular orchestra from Monroe.

10:00 to 11:00 p. m.—Instrumental vocal concert by Marguerite Hayes Forsythe.

FRIDAY, AUG. 1.

6:45 to 8:00 p. m.—Asellina vocal.

8:00 to 9:00 p. m.—Evening Herald Edward Hatch arranging concert.

9:00 to 10 p. m.—Classic program presented by Mrs. John A. Hahn piano.

10:00 to 11:00 p. m.—Packard Six Orchestra.

MONDAY, JULY 28.

8:00 to 9:00 p. m.—Fugue of Belle Vickery in vocal recital.

9:00 to 10:00 p. m.—Ambassador Cocoanut Grove Orchestra.

10:00 to 11:00 p. m.—Ambassador Hotel Cocoanut Grove Orchestra.

TUESDAY, AUG. 2.

6:45 to 8:00 p. m.—Henne's Mountain Players.

8:00 to 9:00 p. m.—Los Angeles Radio.

9:00 to 10:00 p. m.—Program presented by Ida Mae Walls of the Los Angeles booking office.

10:00 to 11:00 p. m.—Popular program.

11:00 p. m. to 1:00 a. m.—Ambassador Hotel Cocoanut Grove Orchestra.

KGO—OAKLAND, CAL. (312 METERS)

6:45 to 8:00 p. m.—Concert on the Hotel St. Francis, San Francisco.

8:00 to 9:00 p. m.—Concert on the Hotel St. Francis, San Francisco.

9:00 to 10:00 p. m.—Three-act drama "Divide," presented by KGO under direction of Wilda Wright.

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MONDAY, JULY 28.

6:45 to 8:00 p. m.—Concert on the Hotel

NATIONS TO BE BROADCAST THIS COMING WEEK

Time given is local for each station. When it is 6 p. m. in St. Louis it is 8 p. m. Daylight Saving time, and 4 p. m. Pacific Time. No broadcasting station in this Guide is located in Mountain Time territory. Detroit, Buffalo, Cleveland and Pittsburg use Daylight Saving time. All Mississippi Valley stations and Atlanta, Ga., have Central Standard Time.

MONDAY, JULY 22.

6:00 p. m.—Hollywoodian Orchestra.
6:00 p. m.—Ambassador Hotel Orchestra.
DAY, JULY 21.
6:00 p. m.—Y. M. C. A. lecture by Marguerite Bitter and others.
6:00 p. m.—Ambassador Hotel Orchestra.
The Kentucky Colonists from Monroe.
6:00 p. m.—Instrumental and vocal numbers. Courses in agriculture, Spanish, music, economics and literature.

TUESDAY, JULY 23.

6:00 p. m.—Concert orchestra of the Hotel St. Francis, San Francisco, Victor La Ferrara conducting.

6:00 p. m.—Armenian trio; KGO mixed quartet.

6:00 p. m.—Spanish guitar duet; Richard Lunde, basso; Boruck and Tarleton, mandolin; sketch; Joyce Holloway, violin; Claire Harsha Upshur, soprano; and contralto duet; Gwynfai Winslow, screen juvenile. Bedtime story by Uncle John.

6:00 to 10:00 p. m.—Program presented through the courtesy of the Hollenbeck Chanters; an evening of old-fashioned songs. Dr. Mars Baumgardt, lecturer.

10:00 to 11:00 p. m.—Art Hickman's dance orchestra from the Biltmore Hotel.

WEDNESDAY, JULY 24.

6:00 p. m.—Pupils of Miriam's vocal recital.

6:00 p. m.—Ambassador Hotel Orchestra.

DAY, AUG. 2.

6:00 p. m.—Hennessey's Parasol.

6:00 p. m.—Los Feliz Trio.

6:00 p. m.—Program presented by the L. A. Municipal Office.

6:00 p. m.—Popular song program.

6:00 p. m.—Ambassador Hotel Orchestra.

LAND, CALIF.,
(342 METERS)

JULY 27.

6:00 p. m.—Concert by KGO Little Symphony and soloists. Carl conducting.

THURSDAY, JULY 28.

6:00 p. m.—Concert Orchestra of the Hotel St. Francis, San Francisco, Victor La Ferrara conducting.

6:00 p. m.—Three-act drama, "The Great Divide," presented by KGO players under the direction of Wilda Wilson Church, Music by Fowler Trio.

FRIDAY, AUG. 1.

6:00 to 6:30 p. m.—Concert Orchestra of the Hotel St. Francis, San Francisco, Victor La Ferrara conducting.

6:00 p. m.—Armenian trio; Robert E. Saxe, piano; Bay City male quartet; Margaret Avery, cello; Ruth Collins, soprano; Joyce Holloway Barthelson, violin; Carl Anderson, tenor; Joseph Hobart, violin; Carl Anderson and Charles H. Oliver, tenor and baritone duet; George Madison, basso-profound; Gwynfai Jones, tenor.

6:00 p. m. to 1:00 a. m.—Henry Halstead's Hotel St. Francis Dance Orchestra, San Francisco.

TUESDAY, JULY 28.

6:00 p. m.—Concert Orchestra of the Hotel St. Francis, San Francisco, Victor La Ferrara conducting.

6:00 p. m.—Armenian trio; Robert E. Saxe,

6:00 p. m.—Male quartet; Margaret Avery, cello; Ruth Collins, soprano; Joyce Holloway Barthelson, violin; Carl Anderson, tenor; Joseph Hobart, violin; Carl Anderson and Charles H. Oliver, tenor and baritone duet; George Madison, basso-profound; Gwynfai Jones, tenor.

6:00 p. m. to 1:00 a. m.—Henry Halstead's Hotel St. Francis Dance Orchestra, San Francisco.

KGO—PORTLAND, ORE.
(402 METERS)

SUNDAY, JULY 27.

6:00 p. m.—Church services conducted by Dr. O. C. Wright.

TUESDAY, JULY 29.

6:00 p. m.—Concert by George Webber and his orchestra.

WEDNESDAY, JULY 30.

6:00 p. m.—Concert.

6:00 p. m.—Concert by Wendall Hall, presented by National Carbon Co.

6:00 p. m.—Dance music by George Olson's Metropolitan Orchestra of Hotel Portland.

THURSDAY, JULY 31.

6:00 p. m.—Concert by Wendall Hall, presented by National Carbon Co.

6:00 p. m.—Dance music by George Olson's Metropolitan Orchestra of the Hotel Portland.

FRIDAY, AUG. 1.

6:00 p. m.—Studio concert by George Olson's Metropolitan Orchestra of the Hotel Portland; Herman Kenin, director.

SATURDAY, AUG. 2.

6:00 p. m.—Music by George Olson's Metropolitan Orchestra of the Hotel Portland.

KYW—CHICAGO, ILL.
(536 METERS)

SUNDAY, JULY 27.

11:00 a. m.—St. Charostoin's Episcopal Church, 1424 North Dearborn Parkway, Chicago, will broadcast the Sunday morning service through Westinghouse Station KYW.

6:00 to 7:00 p. m.—Organ recital from the First Methodist Episcopal Church; Arthur Blakeley, organist.

6:00 to 10:00 p. m.—Program presented through the courtesy of the West End Theatre, arranged by Mr. Spier.

TUESDAY, JULY 29.

6:00 to 6:30 p. m.—Art Hickman's Concert Orchestra from the Biltmore Hotel.

WEDNESDAY, JULY 30.

6:00 to 7:00 p. m.—Children's program presented by Rev. Gardner MacWhorter.

THURSDAY, JULY 31.

6:00 to 7:00 p. m.—Organ recital from the First Methodist Episcopal Church; Arthur Blakeley, organist.

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6:00 to 7:00 p. m.—Organ recital from the First Methodist Episcopal Church; Arthur Blakeley, organist.

FRIDAY, AUG. 1.

RADIO PROGRAMS FOR THE WEEK—Continued

- MONDAY, JULY 29.**
- 7:30 p. m.—Uncle Kaybee.
- 8:30 p. m.—Musical program by Mrs. Charlotte Beadle McHugh, soprano soloist; Miss Florence Seibel, pianist and accompanist; Samuel Walters, violinist.
- 11:00 p. m.—Moore's Cafeteria Radio Review. E. T. Moore, manager.
- TUESDAY, AUG. 1.**
- 6:30 p. m.—Dinner concert transmitted from the William Penn Hotel.
- 7:30 p. m.—Uncle Kaybee.
- 8:30 p. m.—Musical program of popular dance music by Charles Gates and his orchestra.
- SATURDAY, AUG. 2.**
- 6:30 p. m. Dinner concert transmitted from the William Penn Hotel.
- 7:45 p. m.—Vocal selection by Lew Kennedy, baritone, representing the Jerome H. Remick Music Co.; Miss Irene Setzer at the piano.
- 9:30 p. m.—Musical program.
- WCBD—ZION CITY, ILL. (345 METERS)**
- MONDAY, JULY 28.**
- 8:00 p. m.—Program given by a mixed quartet and a clarinet quartet, assisted by the following performers: Mr. Chester S. Bagg, baritone; Miss Dorothy Bull, soprano; Miss Dorothy and Mr. Ralph Bull, soprano and tenor; Miss Mary Ross, piano; Mrs. Mabel Gustafson, reader.
- THURSDAY, JULY 31.**
- 8:00 p. m.—Program given by the Saxophone Quintet, assisted by the following performers: Misses Sweeney, Naffziger and Schmidt, vocal trio; Miss Mary Sweeney, piano; Mr. Glen Sparrow, tenor; Mrs. Glen R. Sparrow, contralto; Mr. Hermann Becker, cellist; Mr. Sydney Stewart, violin; Mrs. Blanche Kessler, reader.
- WCX—DETROIT, MICH. (517 METERS)**
- SUNDAY, JULY 27.**
- 10:30 a. m.—Services of the Central Methodist Episcopal Church, broadcast from the church. Dr. Lynn Harold Hough, pastor. The Hudson quartet.
- MONDAY, JULY 28.**
- 6 p. m.—Dinner concert, broadcast from Hotel Tuller.
- 7 p. m.—Musical program. Frank Kahn and his Eastern Star-Cafe Orchestra. Katherine Vasseau, pianist; F. Greenwood, baritone; Frank W. Ladd, baritone.
- TUESDAY, JULY 29.**
- 6 p. m.—Dinner concert, broadcast from Hotel Tuller.
- WEDNESDAY, JULY 30.**
- 6 p. m.—Dinner concert, broadcast from Hotel Tuller.
- 7 p. m.—Musical program, under the direction of Howard Simon. H. Low Sword, basso.
- THURSDAY, JULY 31.**
- 6 p. m.—Dinner concert, broadcast from Hotel Tuller.
- 8:30 p. m.—Organ recital by Abram Ray Tyler, broadcast from Central M. E. Church.
- FRIDAY, AUGUST 1.**
- 6 p. m.—Dinner concert, broadcast from Hotel Tuller.
- 8:30 p. m.—Musical program. Arthur Keuchen, violinist; Miss Irma Seitz, accompanist; Mrs. Thomas D. Watkins, soprano; Miss Margaret Vernier, pianist.
- SATURDAY, AUGUST 2.**
- 6 p. m.—Dinner concert, broadcast from Hotel Tuller.
- WDAF—KANSAS CITY, MO. (411 METERS)**
- SUNDAY, JULY 27.**
- 4:00 p. m.—Address, Gen. J. Reddyayha, vice president of the International Theosophical Society. Musical numbers from the Newman Theater.
- MONDAY, JULY 28.**
- 5:00 p. m.—Weekly Boy Scout program, presented by Kansas City Council.
- 6:00 p. m.—Piano tuning-in number on the Duo Art. Address—Clay Harvey, fourth of a series of talks on education. Address—Speaker from the University of Kansas, Lawrence, Kan.; children's story and information period; music, Carl Nordberg's plantation players, Hotel Muehlebach.
- 8:00 p. m.—Program by the Star's radio orchestra and the WDAF minstrels.
- 11:45 p. m.—The Riley-Ehrhart Winnwood Beach orchestra.
- TUESDAY, JULY 29.**
- 5:00 p. m.—Weekly child talent program, presented by pupils of Miss Maude Littlefield and collaborating teachers.
- 6:00 p. m.—Piano tuning-in number on the Duo Art. Address—Sixth of a series of piano lessons by Miss Maude Littlefield. Address—Clerin Barnwell, author and lecturer, tenth of a series of educational lectures. Children's story and information pe-
- riod. Music—Carl Nordberg's plantation players, Hotel Muehlebach.
- WEDNESDAY, JULY 30.**
- 6:00 p. m.—Piano tuning-in number on the Duo Art. Address—Speaker from the Mead Council of Greater Kansas City. Address—Weekly health talk given under the auspices of the Health Conservation Association. Children's story and information period. Music—Carl Nordberg's plantation players, Hotel Muehlebach.
- 8:00 p. m.—Program arranged and presented by vocal pupils of Mrs. Anna Brennen Burns.
- THURSDAY, JULY 31.**
- 6:00 p. m.—Piano tuning-in number on the Duo Art. Address—Edgar Allan Linton, third of a series of talks on world travels. Reading—Miss Cecil Burton from popular poems and essays. Children's story and information period. Music—Carl Nordberg's plantation players, Hotel Muehlebach.
- FRIDAY, AUG. 1.**
- 6:00 p. m.—Piano tuning-in number on the Duo Art. Address—Speaker from the Rose room of the Hotel Waldorf-Astoria; Lilli Maurer Offen, soprano, accompanied by Louise Engesser; Carlo Restivo, accordion player; closeups of O. Henry's life by William W. Williams; James R. Gaffney, baritone, accompanied by Frederick H. Yeomans; Graystone Hotel Orchestra.
- 8:00 p. m.—Program by the WDAF minstrels with the Star's radio orchestra.
- 11:45 p. m.—Charles Dornberger's orchestra, K. C. A. C. roof garden, and the Plantation Players, Hotel Muehlebach.
- SATURDAY, AUG. 2.**
- 6:00 p. m.—Piano tuning-in number on the Duo Art. Address—Speaker from the editorial staff of the Star. The Tell-Me-a-Story Lady. Music—Carl Nordberg's plantation players, Hotel Muehlebach.
- 8:00 p. m.—Program from the roof garden of the Hotel Pennsylvania.
- WDAR—PHILADELPHIA, PA. (395 METERS)**
- MONDAY, JULY 28.**
- 8:00 p. m.—Arcadia Cafe Concert Orchestra, Prof. Feri Sarkozy, director.
- 8:30 p. m.—Artist recital.
- 9:30 p. m.—Features from the Stanley Theater; overture by the Stanley Symphony Orchestra; dance music from Young's Million Dollar Pier; the famous Benson Chicago Orchestra; Don Bestor, director; Victor record artists and Charley Frey and his Million Dollar Pier Orchestra.
- 10:00 p. m.—Arcadia Cafe Concert Orchestra. Features from the studio.
- WEDNESDAY, JULY 30.**
- 8:00 p. m.—Arnold Abbott and his "Conversation Corner," a radio "column." Concert music by the Arcadia Cafe Orchestra; Feri Sarkozy, director; Reading Railway Co.'s travel talk. Program of dance music broadcast at intervals throughout the evening from control room in the Green Hill Farms Hotel, Overbrook, Pa. Kentner Green Hills Farm Orchestra, Herman Kentner, director.
- FRIDAY, AUG. 1.**
- 8:00 p. m.—Dinner concert, broadcast from Hotel Tuller.
- 8:30 p. m.—Organ recital by Abram Ray Tyler, broadcast from Central M. E. Church.
- SUNDAY, JULY 27.**
- 4:00 p. m.—Address, Gen. J. Reddyayha, vice president of the International Theosophical Society. Musical numbers from the Newman Theater.
- WEAF—NEW YORK, N. Y. (492 METERS)**
- SUNDAY, JULY 27.**
- 3 to 4 p. m.—Sunday hymn song under the auspices of the Greater New York Federation of Churches.
- 4 to 5 p. m.—Interdenominational services under the auspices of the Greater New York Federation of Churches. Mr. Frank Goodman, secretary of religious work department, presiding. Music by the Federation Radio Choir, and harp solos by Carlos Abba. Address by Rev. Claude E. Morris, pastor of the Emanuel Baptist Church, Bronx, New York.
- 5 to 5:30 p. m.—The seventh of a series of lectures on "Literature of the Old Testament," by Prof. Herbert B. Howe of Columbia University.
- 7:30 to 8:15 p. m.—Musical program di-
- rect from the Capitol Theater, New York City.
- MONDAY, JULY 28.**
- 9:15 to 10:15 p. m.—Organ recital direct from the studio of the Skinner Organ Co., New York City.
- TUESDAY, JULY 29.**
- 11:30 p. m. to 12:30 a. m.—Brothers, steel guitar duets; Eddie Locker, tenor; dance selections, Edgewater Beach Oriole Orchestra.
- WFAA—DALLAS, TEX. (476 METERS)**
- SUNDAY, JULY 27.**
- 6 to 7 p. m.—Radio Bible class. Dr. William M. Anderson, pastor First Presbyterian Church, teacher; Billie Hunt, pastor.
- MONDAY, JULY 28.**
- 9 to 9:45 p. m.—Sacred songs and gospel song.
- TUESDAY, JULY 29.**
- 6 to 10 p. m.—Dinner music from the Rose room of the Hotel Waldorf-Astoria; Florence Hendrickson, contralto, accompanied by Mme. Johanna L. Baker; Philip Steele, baritone; talk by Mr. J. Elliott Hall, general agent of the Penn Mutual Life Insurance Co.; concert by the United States Marine Band, Joseph Santelman, conductor; direct from Washington, D. C.; "Personal Experiences at the Great Pyramid and the Sphinx," by Mr. L. Dow Covington, speaking for National Carbon Co.
- WEDNESDAY, JULY 30.**
- 6:30 to 9:30 p. m.—Song and dance selections by talent from Van Dyke Tex, in charge of May A. Bassett.
- THURSDAY, JULY 31.**
- 11:45 p. m. to 12:45 a. m.—Mrs. Margaret Karapetoff will play for her orchestra. Karapetoff will play for her orchestra.
- FRIDAY, AUGUST 1.**
- 8:30 to 9:30 p. m.—Charles Baumer, zither recital; W. W. Macdonald, monica expert, in specialties.
- SATURDAY, JULY 27.**
- 8:30 p. m.—Organ recital from Preston Bleeker Hall, Albany.
- SUNDAY, JULY 28.**
- 4 p. m.—Program by Salvation Army Band, G. C. handbaster.
- MONDAY, JULY 29.**
- 8:30 to 9:30 p. m.—Charles Baumer, zither recital; W. W. Macdonald, monica expert, in specialties.
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- THURSDAY, JULY 31.**
- 8:30 to 9:30 p. m.—Robert Peck, Neil Lowrey, soprano; recital.
- FRIDAY, AUGUST 1.**
- 11 to 12 p. m.—Mustang band, orchestra.
- SATURDAY, JULY 27.**
- 8:30 to 9:30 p. m.—George A. Nichols, Grand Musichor recital of choice favorites.
- SUNDAY, AUGUST 1.**
- 8:30 to 9:30 Netto male quartet in recital of standard favorites.
- MONDAY, JULY 29.**
- 11 to 12 p. m.—Adolphus Bond, orchestra, Lawrence Morris director; Bambooland-dancing floor at the roof garden of the Hotel Pennsylvania.
- WGR—BUFFALO, N. Y. (319 METERS)**
- SUNDAY, JULY 27.**
- 11:45 a. m.—Weather forecast.
- MONDAY, JULY 28.**
- 3 p. m.—Vesper service; Dr. Ruth Tullis, executive secretary, Buffalo Federation of Churches.
- TUESDAY, JULY 29.**
- 4 p. m.—Organ recital, request music; Laurence H. Montague, A. A. G. C. 11:45 p. m.—Weather forecast.
- WEDNESDAY, JULY 30.**
- 11:45 p. m.—Dinner music, Vincent Lopez Hotel Statler dance orchestra.
- THURSDAY, JULY 31.**
- 7:30 to 8:30 p. m.—Dinner music, Vincent Lopez Hotel Statler dance orchestra.
- FRIDAY, AUGUST 1.**
- 7:30 to 8:30 p. m.—Dinner music, Vincent Lopez Hotel Statler dance orchestra.
- SATURDAY, JULY 27.**
- 7:30 to 8:30 p. m.—Dinner music, Vincent Lopez Hotel Statler dance orchestra.
- SUNDAY, JULY 28.**
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- TUESDAY, JULY 30.**
- 7:30 to 8:30 p. m.—Dinner music, Vincent Lopez Hotel Statler dance orchestra.
- WGY—SCHEECTADY, N. Y. (380 METERS)**
- SUNDAY, JULY 27.**
- 7:30 to 8:30 p. m.—Louis McCloud, soprano; Ted Fioriti, popular song hits; concert selections, Edgewater Beach Oriole Orchestra.
- MONDAY, JULY 28.**
- 9:30 to 10:30 p. m.—Helen Brady, cellist. Dance selections, Edgewater Beach Oriole Orchestra.
- TUESDAY, JULY 29.**
- 11:30 p. m. to 12:30 a. m.—Langdon Brothers, steel guitar duets; Marie Kelly, readings; dance selections, Edgewater Beach Oriole Orchestra.
- WEDNESDAY, JULY 30.**
- 11:30 p. m. to 12:30 a. m.—Richard Neumiller, baritone; Frank Park, accordion. Dance selections, Edgewater Beach Oriole Orchestra.
- THURSDAY, JULY 31.**
- 11:30 p. m. to 12:30 a. m.—George Maynard, tenor; Ted Fioriti, popular song hits; concert selections, Edgewater Beach Oriole Orchestra.
- FRIDAY, AUG. 1.**
- 11:30 p. m. to 12:30 a. m.—Nick Lucas, soprano; Nick Lucas, violin; Nick Lucas, banjo; dance selections, Edgewater Beach Oriole Orchestra.
- SATURDAY, AUGUST 2.**
- 11:30 p. m. to 12:30 a. m.—James H. St. John, tenor; dance selections, Edgewater Beach Oriole Orchestra.
- FRIDAY, AUGUST 1.**
- 11:30 p. m. to 12:30 a. m.—Edward Stoddard, piano; monologues; Dan Russo, popular song hits; dance selections, Edgewater Beach Oriole Orchestra.
- SATURDAY, AUGUST 2.**
- 11:30 p. m. to 12:30 a. m.—Virginia and Joe Ward, banjo duets; concert selections, Edgewater Beach Oriole Orchestra.
- MONDAY, JULY 29.**
- 7:15 p. m.—Address, "Why Do You Cry?" by Enos Lee, president of the New York State Farm Bureau Federation.
- TUESDAY, JULY 30.**
- 7:15 p. m.—Address, "How to Get Along with Your Husband," by Mrs. John C. Smith, conductor of the Cincinnati Girls' Chorus.
- WHAZ—TOMAHAWK, IOWA (380 METERS)**
- SUNDAY, JULY 27.**
- 7:30 a. m.—Service of First Protestant Church, Schenectady, N. Y., conducted by Rev. R. S. Currie, pastor of the Woodland Protestant Church of Philadelphia, Pa.
- MONDAY, JULY 28.**
- 7:30 p. m.—Concert by the New York Philharmonic Orchestra, Fritz Reiner, conductor of the Cincinnati Girls' Chorus.
- TUESDAY, JULY 29.**
- 7:30 p. m.—Concert by the New York Philharmonic Orchestra, Fritz Reiner, conductor of the Cincinnati Girls' Chorus.
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RADIO PROGRAMS FOR THE WEEK—Continued

continued

Grace Wilson, con-
H. Hunt, story teller;
Edgewater Beach

2:30 a. m.—Langdon
guitar duets, frag-
ance selections, Ed-
die Orchestra.

**ALLAS, TEX.
(METERS)**

2:30 a. m.—Address, "Town and County
of Dallas," R. H. Wheeler, professor of
architecture, New York State College of
Architecture.

2:30 a. m.—Program by WGY Orches-
tra. Address, "Movie Notions," by
Quincy Martin, motion picture critic of
New York World.

TUESDAY, JULY 29.

2:30 p. m.—Dinner music by Joseph Chick-
man and His Clover Club Orchestra,
from Hotel Ten Eyck, Albany.

2:30 p. m.—Concert by the New York
Philharmonic Orchestra, Fritz Reiner,
conductor, of Cincinnati Orchestra,
conducting.

2:30 p. m.—Organ recital by Stephen
Bachelder, Albany, N. Y.

THURSDAY, JULY 31.

2:30 p. m.—Organ recital by Stephen
Bachelder from Proctor's Harmanus
Brooker Hall, Albany, N. Y.

2:30 p. m.—Program by Schenectady Sal-
vation Army Band, George Andrew,
bandmaster.

FRIDAY, AUG. 1.

2:30 p. m.—Health Talk, New York State
Health Department.

2:30 p. m.—Radio drama, "Scrap of
Paper," by WGY Student Players, Ed-
ward H. Smith, director.

2:30 p. m.—Address, "Claude Debussy
and His Music," by Prof. Vladimir
Karapetoff of Cornell University. Prof.
Karapetoff will play four of Debussy's
compositions. Musical program.

SATURDAY, AUG. 2.

2:30 a. m.—Dance music by Joseph A.
Chickman and his Clover Club Orches-
tra, Hotel Ten Eyck, Albany, N. Y.

2:30 p. m.—Popular songs by Frank Davis, tenor.

**WHAS—LOUISVILLE, KY.
(400 METERS)**

SUNDAY, JULY 27.

2:30 a. m.—Organ music.

2:30 a. m.—Church service under the aus-
pices of the Crescent Hill Presbyterian
Church, the Rev. Dr. J. V. Logan, pas-
tor; Farris A. Wilson, organist and
their director.

4 to 5 p. m.—Concert by the Beechmont
Trio; Mrs. Harry Trent, soprano; Miss
Blanche Thorp, contralto; Hawes, cel-
lo; Mrs. Hazel Willinger, piano.

MONDAY, JULY 29.

4 to 5 p. m.—Selections by Dick Quin-
nian's Golden Derby Orchestra of the
Walnut Theater Orchestra. Selections
by the Alamo Theater Orchestra; Harry S. Currie,
conductor. Selections by Dick Quin-
nian's Golden Derby Orchestra of the
Walnut Theater Orchestra.

7:30 to 8 p. m.—Concert by Roberta
Gardner's Orchestra; Miss Roberta
Gardner, piano and director; Bill Ritter,
violin; John Gathoff, saxophone;

Harold Ritter, saxophone; Charles
Hattich, trombone; Walter Knight,
cornet; Albert Schroeder, clarinet; Joe
Currier, banjo; Louis Bond, drums.

TUESDAY, JULY 30.

4 to 5 p. m.—Selections by Dick Quin-
nian's Golden Derby Orchestra of the
Walnut Theater Orchestra. Selections
by the Alamo Theater Orchestra; Harry S. Currie,
conductor. Selections by Dick Quin-
nian's Golden Derby Orchestra of the
Walnut Theater Orchestra.

7:30 to 8 p. m.—Concert by Earl El-
liott's Falls Cities' Serenaders; Earl El-
liott, violin, saxophone and director; Thomas
Stradley, drums and xylo-
phone; Leeland Brock, piano; Al
Koehler, banjo and trombone; Cecil
Davis, tuba; Carl Fein, trumpet and
saxophone; Norton Hasenmiller, saxe-
phone and trumpet.

WEDNESDAY, JULY 31.

4 to 5 p. m.—Selections by Dick Quin-
nian's Golden Derby Orchestra of the
Walnut Theater Orchestra. Selections
by the Alamo Theater Orchestra; Harry S. Currie,
conductor. Selections by Dick Quin-
nian's Golden Derby Orchestra of the
Walnut Theater Orchestra.

7:30 to 8 p. m.—Concert under the direc-
tion of Miss Harry Hunt of the
Louisville Conservatory of Music.
Four-minute digest of International Sunday
school lesson; four-minute
child welfare talk.

FRIDAY, AUGUST 1.

4 to 5 p. m.—Selections by the Alamo
Theater Orchestra; Harry S. Currie,
conductor. Selections by Dick Quin-
nian's Golden Derby Orchestra of the
Walnut Theater Orchestra.

7:30 to 8 p. m.—Concert under the direc-
tion of Mary Gibson Craig. An
interesting historical episode.

SATURDAY, AUGUST 2.

4 to 5 p. m.—Selections by Dick Quin-
nian's Golden Derby Orchestra of the
Walnut Theater Orchestra. Selections
by the Alamo Theater Orchestra; Harry S. Currie,
conductor.

7:30 to 8 p. m.—Concert under the aus-
pices of Farris A. Wilson. Special
concert by remote control from Louis-
ville's leading theaters and hotels.

**WHAZ—TROY, N. Y.
(380 METERS)**

MONDAY, JULY 29.

2:30 p. m.—Concert by Robert A. Geiger,

baritone; J. Frank Canfield, violin;
and George A. Geiger, piano, assisted
by Isabel Merwitz, reader.

10 p. m.—Program by WGY Orches-
tra. Address, "Movie Notions," by
Quincy Martin, motion picture critic of
New York World.

**WHB—KANSAS CITY, MO.
(411 METERS)**

SUNDAY, JULY 27.

8 to 9:30 a. m.—Services given by the
Oak Park Christian Church. Rev. L.
Larkin, minister.

7 to 8 p. m.—Mark's Orchestra in a
dance program.

TUESDAY, JULY 29.

8 to 9 p. m.—Old-time square dance, mu-
sic by Woodies Quadrille Orchestra.

10:30 to 11:30 p. m.—Popular dance mu-
sic by Mark's Orchestra.

WEDNESDAY, JULY 30.

7 to 8 p. m.—Market bulletins and mu-
sical selections.

THURSDAY, JULY 31.

8 to 9 p. m.—Organ recital by Stephen
Bachelder from Proctor's Harmanus
Brooker Hall, Albany, N. Y.

8 p. m.—Program by Schenectady Sal-
vation Army Band, George Andrew,
bandmaster.

FRIDAY, AUG. 1.

8:30 p. m.—Health Talk, New York State
Health Department.

8:30 p. m.—Radio drama, "Scrap of
Paper," by WGY Student Players, Ed-
ward H. Smith, director.

10:30 to 11:30 p. m.—Dance music from
Indian Village.

SATURDAY, AUG. 2.

8 to 9:30 p. m.—Popular musical pro-
gram, vocal and instrumental.

SUNDAY, JULY 27.

11 a. m.—Morning service broadcast di-
rect from Holy Trinity Church, Ritten-
house Square, Rev. Floyd W. Thom-
kins, D. D., rector.

3:30 p. m.—Special Sunday afternoon
concert, with prominent soloists, broad-
cast direct from the WIP control station
on the Steel Pier, Atlantic City,
N. J.

**WJY—NEW YORK, N. Y.
(405 METERS)**

SUNDAY, JULY 27.

8:30 p. m.—Mildred Steel Woods, sop-
ranos.

TUESDAY, JULY 29.

8:30 p. m.—Dinner music by Ehrenzeller,
Concert Orchestra, George Eh-
renzeller, conductor.

8 p. m.—Concert by Comfort's Philhar-
monic Orchestra, Roy B. Comfort,
conductor. Soloist, Miss Ednah Cook
Smith, contralto. Broadcast direct
from the WIP control station on the
Steel Pier, Atlantic City, N. J.

8:45 p. m.—"What the Wild Waves Are
Saying," picked up by a microphone
placed amidst the breaking waves un-
der the Steel Pier, Atlantic City, N. J.

10 p. m.—Dance music by Bob Leman's
Dance Orchestra, broadcast direct from
the WIP control station on the Steel
Pier, Atlantic City, N. J.

**WIP—PHILADELPHIA, PA.
(509 METERS)**

SUNDAY, JULY 27.

11 a. m.—Morning service broadcast di-
rect from Holy Trinity Church, Ritten-
house Square, Rev. Floyd W. Thom-
kins, D. D., rector.

3:30 p. m.—Special Sunday afternoon
concert, with prominent soloists, broad-
cast direct from the WIP control station
on the Steel Pier, Atlantic City,
N. J.

**WLAG—MINNEAPOLIS,
MINN. (417 METERS)**

SUNDAY, JULY 27.

10:20 a. m. to noon—Morning services,
Plymouth Congregational Church.

4:15 to 5:40 p. m.—Services, House of
Hope Presbyterian Church.

7:45 to 9 p. m.—Services, Central Luth-
eran Church.

MONDAY, JULY 28.

6 to 7 p. m.—Dinner hour concert,
George Osborn's Nicoll Hotel Orches-
tra.

7:30 to 8:15 p. m.—Farm lectures, "Hol-
low Building Tile," J. Cernak,

TUESDAY, JULY 29.

6 to 7 p. m.—Dinner hour concert by
George Osborn's Nicoll Hotel Orches-
tra.

7:30 to 8:15 p. m.—Farm lectures. Ad-
dress by member of Minnesota County
Fair Association.

WEDNESDAY, JULY 30.

8:15 to 9:15 p. m.—Concert.

9:15 to 9:30 p. m.—Business message.

11 p. m. to 12 m.—Program, George Os-
born's Nicoll Hotel Orches-
tra.

THURSDAY, JULY 31.

6 to 7 p. m.—Dinner hour concert by
George Osborn's Nicoll Hotel Orches-
tra.

7:30 to 8:15 p. m.—Farm lectures.

**WLS—CHICAGO, ILL.
(345 METERS)**

SUNDAY, JULY 27.

5:30 to 7 p. m.—Church choir music.

TUESDAY, JULY 29.

5:30 to Midnight—Music, farm program,
radio course in concrete; "A Night
With the German Music Masters," with
grand opera stars.

WEDNESDAY, JULY 30.

5:30 to 10 p. m.—Music, lullaby time for
kiddies; boys and girls hour; farm
program; answers to radio questions;
farm adviser talks.

THURSDAY, JULY 31.

5:30 to 9:15 p. m.—Music, lullaby time for
kiddies; music publishers' night.

FRIDAY, AUGUST 1.

5:30 to 10 p. m.—Music, lullaby time for
kiddies; farm talks.

SATURDAY, AUGUST 2.

4:45 to Midnight—Lullaby time for kid-
dies; National Farm barn dance; mu-
sic.

**WLW—CINCINNATI, OHIO
(423 METERS)**

SUNDAY, JULY 27.

9:30 a. m.—School conducted by the Edi-
torial staff of Sunday school publications
of the Methodist Book Concern.

11 a. m.—Services of the Church of the
Covenant, Dr. Frank Stevenson, min-
ister.

9 p. m.—Concert by the Western and
Southern Orchestra, directed by Erwin
Bellstedt (under the auspices of the
Western and Southern Life Insurance
Co.)

MONDAY, JULY 28.

9 p. m.—Grand opera from the Cincin-
nati summer opera season at the Zoo.

Mr. Ralph Lyford, director. Intermis-
sion of the opera. Popular program by
Alvin Roehr's Music Makers. Contin-
uation of the opera.

TUESDAY, JULY 29.

10 p. m.—Special program arranged by
the Bellont Furniture Co.

11:30 p. m.—Special program by the
Chubb-Steinberg Orchestra.

WEDNESDAY, JULY 30.

8 p. m.—Popular music presented sym-
phonically by the Virginia Entertainers.

9 p. m.—Program of original composi-
tions by H. H. Walker. Mary Steele,
soprano; pianolouges by 8-year-old
Sade Elizabeth Huck, and the compos-
er at the piano.

THURSDAY, JULY 31.

RADIO PROGRAMS FOR THE WEEK—Continued

9:30 p. m.—Concert by the Wurlitzer Instrumental Trio.

THURSDAY, JULY 31.

10:00 p. m.—Concert program by the Milnor Electric Instrumental Trio. (Courtesy of the Milnor Electric Co., Cincinnati). The program will include the most popular of standard selections and excerpts from favorite musical comedies.

10:50 p. m.—The Fort Hamilton Masonic Quartet. First tenor, Hon. Howard E. Kelley, Mayor of Hamilton; O; second tenor, Bert Phillips; baritone, Kelly D. Evans; bass, Sherman Langer. Mrs. Kelly D. Evans at the piano.

11 p. m.—Special program and entertainment by the Doherty Melody Boys.

**WMAQ—CHICAGO, ILL.
(447.5 METERS)**

MONDAY, JULY 29.

6 p. m.—Chicago Theater organ recital. 6:30 p. m.—Hotel La Salle Orchestra.

TUESDAY, JULY 30.

6 p. m.—Chicago Theater organ recital. 6:30 p. m.—Hotel La Salle Orchestra.

8 p. m.—Harry Hansen, literary editor of The Daily News.

8:30 p. m.—Clara E. Laughlin, travel talks.

8:40 p. m.—French lesson, Babson report.

9 p. m.—One of the series of talks by the United States Civil Service Commission.

9:15 p. m.—Miss Coral Goris, mezzo-soprano.

WEDNESDAY, JULY 30.

6 p. m.—Chicago Theater organ recital. 6:30 p. m.—Stories for children by Miss Katherine Waller.

5 p. m.—Weekly Northwestern University lectures.

8:30 p. m.—To be announced.

9 p. m.—Talk from one of the Chicago charities.

9:15 p. m.—Program by Neil Gwynn, soprano.

THURSDAY, JULY 31.

6 p. m.—Chicago Theater organ recital. 6:30 p. m.—Hotel La Salle Orchestra.

8 p. m.—Weekly talk by Rockwell R. Stephens, auto editor of The Daily News.

8:15 p. m.—Weekly talk by Boy Scouts.

8:45 p. m.—Weekly investment talk by James H. Burdett.

9:15 p. m.—To be announced.

FRIDAY, AUGUST 1.

6 p. m.—Chicago Theater organ recital. 6:30 p. m.—Hotel La Salle Orchestra.

8 p. m.—Nature study club talk by Barnett Harris.

8:15 p. m.—Weekly wide-awake club program, directed by Mrs. Frances M. Ford.

8:45 p. m.—To be announced.

9:30 p. m.—Bookfellow's night.

SATURDAY, AUGUST 2.

6:30 p. m.—Hotel La Salle Orchestra.

8 p. m.—Band concert by the Chicago Daily News Band.

9 p. m.—Weekly Balaban & Katz Chicago Theater revue.

**WMC—MEMPHIS, TENN.
(500 METERS)**

MONDAY, JULY 29.

8:30 p. m.—Program arranged and sponsored by George W. Hughes, Dixie's Harry Launder.

TUESDAY, JULY 30.

8:30 p. m.—Program to be announced later.

WEDNESDAY, JULY 30.

Silent night.

THURSDAY, JULY 31.

8:30 p. m.—Program to be announced later.

FRIDAY, AUGUST 1.

8:30 p. m.—Program to be announced later.

11 p. m.—Midnight frolic by the Famous Seamer Idlewild Orchestra, under the direction of Bob Miller.

SATURDAY, AUGUST 2.

8:30 p. m.—Program to be announced later.

**WOA—OMAHA, NEB.
(526 METERS)**

SUNDAY, JULY 27.

9 a. m.—Radio chapel service, conducted by Rev. R. R. Brown, pastor of Omaha Gospel Tabernacle of the Christian and Missionary Alliance. Marie Danielson soloist; Mrs. Albert McIntosh, pianist.

9 p. m.—Musical chapel service, by courtesy of Walnut Hill Methodist Church. Dr. C. N. Dawson, pastor.

MONDAY, JULY 28.

6 p. m.—Popular half hour.

6:30 p. m.—Dinner program by Randall's Royal Orchestra of Brandeis Store Restaurants.

9 p. m.—Dance program by Bob Lee's Imperial Jazz Band. Auspices Hannan-Van Brunt Co., Ford dealers.

TUESDAY, JULY 29.

5 p. m.—Address. "Teaching History Backward." H. V. Kaltborn, associate editor of Brooklyn Eagle.

**WOC—DAVENPORT, IOWA
(484 METERS)**

SUNDAY, JULY 27.

9 a. m.—Sacred chimes concert. 1:30 p. m.—Orchestra concert. Sacred and classical numbers by The Palmer School Radio Orchestra. Erwin Swindell, conductor.

8 p. m.—Church service. Rev. S. A. Morning, pastor First Presbyterian Church, Deep River, Ia.

9:30 p. m.—Musical program (1½ hours). The Palmer School Radio Orchestra. Erwin Swindell, conductor. Assisted by Henry Van Der Berg, baritone, and Chas. Kerns, tenor.

MONDAY, JULY 28.

6 p. m.—Organ recital from the B. J. Palmer residence. Erwin Swindell, organist. Mrs. John Malloy, soprano, in a program of old-time favorites.

TUESDAY, JULY 29.

5 p. m.—Address. "Teaching History Backward." H. V. Kaltborn, associate editor of Brooklyn Eagle.

**WOS—JEFFERSON CITY,
MO. (440.9 METERS)**

SUNDAY, JULY 27.

8 p. m.—Organ recital from the B. J. Palmer residence. Erwin Swindell, organist. Mrs. John Malloy, soprano, in a program of old-time favorites.

TUESDAY, JULY 31.

5 p. m.—Orchestra program. The Palmer School Radio Orchestra. Erwin Swindell, conductor. Ralph W. Fuller, baritone soloist.

**WRC—WASHINGTON, D. C.
(469 METERS)**

TUESDAY, JULY 29.

6 p. m.—Children's hour by Peggy Albin and Marguerite Meakin.

8 p. m.—A political talk by John E. Nevin.

WEDNESDAY, JULY 30.

5 p. m.—Orchestra program. The Palmer School Radio Orchestra. Erwin Swindell, conductor. Ralph W. Fuller, baritone soloist.

THURSDAY, JULY 31.

5 p. m.—Song recital by Dorothy D. Wilson, contralto.

8:30 p. m.—Piano recital to be announced.

LOCAL BROADCASTING NEXT WEEK

K SD—550 KILOCYCLES—546 METERS

No evening programs from the date of July 27 to August 18. Broadcasting schedules will be resumed Sunday, August 11.

There will be regular broadcasts of the daylight service. All markets will be sent out on regular schedule, as follows:

9:45 a. m.—Opening St. Louis future grain quotations. Liverpool, Hull, and second market on wheat. Receipts from New York, Boston, and St. Louis, New York cotton quotations. National Stock Yards, Ill., and Chicago opening hog markets. Estimated receipts of livestock at public stock yards.

10:45 a. m.—St. Louis future grain prices. Liverpool closing cables on wheat.

11:45 a. m.—St. Louis future grain prices. Liverpool closing cables on wheat.

12:45 p. m.—St. Louis future grain prices. St. Louis cash grain prices. Weather forecasts for Missouri, Illinois, Kentucky, Tennessee and Iowa. River forecasts.

1:45 p. m.—St. Louis closing future grain prices. St. Louis closing cash grain prices. Fruit and vegetable report.

2:45 p. m.—Livestock report from National Stock Yards, Ill.

3:45 p. m.—New York cotton future and spot prices. New York stock and bond closing market report. News bulletins. Department of Agriculture broadcasts.

W CK—825 KILOCYCLES—360 METERS

MONDAY, JULY 28, NOON. Musical program, songs by Mr. Meyer Levy "California," "Linger Awake," etc. Bulletin.

2:15 p. m.—A 15-minute service on the baseball scores, continuing until the end of games by home teams.

3 p. m.—Piano selection by Miss Marion Rice.

7 p. m.—Radio dance program by Howard Thomas and his colleagues.

8:15 p. m.—The operetta, "The Beggar Princess," from the Municipal Theater.

TUESDAY, JULY 29, NOON. News items. Address, Mr. J. R. Bergman.

2:15 p. m.—Baseball scores given every 15 minutes until the end of the home team games.

3 p. m.—Address by Mr. D. J. O'Connell, "The Value of Good Books." Songs by Alfred Price.

WEDNESDAY, JULY 30, NOON. Popular songs by Mr. Harry Wells.

2:15 p. m.—Baseball scores continuing until the end of the home team games.

3 p. m.—Popularity selected by Mr. Lester Hirsch.

4:15 p. m.—Address, Mr. Ed. W. Birnbrier, "Cheese."

THURSDAY, JULY 31, NOON. News items. Address, Mr. Ed. W. Birnbrier.

2:15 p. m.—Baseball scores given every 15 minutes until the end of the home team games.

3 p. m.—Songs by Stix, Baer & Fuller employees. Address, "Newest Fashions," by Mary Allen.

FRIDAY, AUGUST 1, NOON. Popular songs by Irving Green and Jack Lynne.

2:15 p. m.—Baseball scores.

3 p. m.—Address, Mr. Ed. W. Birnbrier, "Franks and Fun." Piano solos by Irving Green.

7 p. m.—Program given by Boswell & McLeod. Numbers to be announced.

8:15 p. m.—The Operetta, "The Beggar Princess," from the Municipal Theater.

11 p. m.—Midnight dance program given by the Melrose Orchestra.

WE B—1100 KILOCYCLES—273 METERS

MONDAY, JULY 28. Arthur W. Nealy, tenor; Helen Brady, soprano. Sam Connely's weekly motion picture review.

6:30 p. m.—Mr. Willard Robinson and his Missouri Hounds.

7:15 p. m.—Chamber Concert Orchestra, direct from the roof garden.

WEDNESDAY, JULY 30. Program courtesy of George W. Bentley of the States Theatrical Booking Exchange.

9:15 p. m.—Mr. Willard Robinson and his Missouri Hounds.

11 p. m.—Chase Hotel Dance Orchestra, direct from the roof garden.

FRIDAY, JULY 31. Program courtesy of Mr. Willard Robinson and his Missouri Hounds.

11 p. m.—Chase Hotel Dance Orchestra, direct from the roof garden.

SATURDAY, AUGUST 1. Program given by Mr. Willard Robinson and his Missouri Hounds.

11 p. m.—Chase Hotel Dance Orchestra, direct from the roof garden.

W M A Y—1070 KILOCYCLES—280 METERS

SUNDAY, JULY 27, 11 a. m. Regular services of Kingshighway Presbyterian Church. Sermon, "The Use of Failure," by Rev. Owen W. Pratt, Associate Minister.

7:30 p. m.—"45 Minutes for Everybody," by Orr Dobbins, presiding. Song service led by O. Stone. Sermon, "God in Everyday Life," by Rev. Owen W. Pratt, O. W. Stone, bartone soloist.

W E W—280 METERS—1070 KILOCYCLES

THURSDAY, JULY 31, 7:30 p. m. George H. Moore, candidate for the Democratic nomination for Governor will speak on the issues of the day.

K F Q A—1150 KILOCYCLES—261 METERS

SUNDAY, JULY 27, 11 a. m. Broadcasting the services of the Fourth Church of Christ, Scientist.

MONDAY, JULY 28. Popular half hour.

6:30 p. m.—Dinner program

KSD Broadcasts Far and Wide, Despite Summer Static

The summer of 1924 will probably be remembered as one of the poorest for long distance broadcasting. There were a number of nights when stations all over the country had difficulty in covering one-third of their usual range. In spite of the handicaps and atmospheres, however, the Post-Dispatch station, KSD, made what must be considered very remarkable records.

From California to the north shore of

Massachusetts; from Florida to Manitoba; in some of the points reached in July by KSD.

One of the most interesting reports which came to the Post-Dispatch in July is the following:

129 West 42d st., New York City.

Station KSD, St. Louis, Mo.

Gentlemen:

At 9:58 p. m. central time (11:50 p. m. New York daylight saving time), July 11, 1924, heard your station finishing evening program. Your announced station letters should be sent to the Radio Editor of (forget name of publication). He then gave weather forecasts and signed off at 10 p. m. central time.

Would like a verification of this, as the volume received operated loud speaker with same volume as received from locals. Modulation was perfect even though there was a little static. Have received distant stations from all over the country, but none with the perfect reproduction obtained through yours.

Might add that I have been "radiating" since the old coherer and decoherer days and that this is my first letter to a broadcaster. Cordially,

EDWARD VAN HORN.

Another report was from Decatur Huntz, who is 15 years old and lives at 2187 North Ninth street, Philadelphia. This youngster writes:

date of July 11 to Station KSD as follows:

"Your broadcasting of the Democratic Convention came in with great volume and clearness on Wednesday evening. It was also coming in from several other stations, but yours was the best.

"Although we are not, of course, wildly excited about American politics, as we have enough of this of our own to bother about, we are sympathetically interested in the doings of our friendly neighbor, and it was a great demonstration of the wonders of radio. Many thanks."

Another radio listener who sends his thanks for Station KSD's broadcasting of the Democratic national convention is Floyd S. Jones of 820 Ohio avenue, Canyon City, Col., who says: "You came in just fine over all static."

A report on a daytime broadcast is from Earl E. Marsh of apartment 19, 1621 Grand avenue, Milwaukee, Wis., who says: "Heard you 4 p. m. Central time schedule of market quotations very clearly this afternoon. I call this very good daylight summer reception."

Frank Hettinger of 1946 Germantown avenue, Philadelphia, Pa., writes: "Heard your concert on Monday, July 14. It was

at 11:47 a. m. Central time. At night you come in loud and clear."

"While I am able to pick up stations much further than St. Louis at night, it is unusual for me to get anything as far as St. Louis in daytime."

In this connection, it might be mentioned now that the daytime broadcasting of the Democratic convention was heard in towns in Mississippi 300 miles south of St. Louis. It was heard 425 miles north of St. Louis, by R. G. Goodwin, at Ludington, Mich., at the noon hour.

These daylight distances, for this time of the year, are convincing evidence of the efficiency of KSD.

Radio and the Weather

(Continued from Page 1)

Y 28
Tri-City Or-
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Ed Freshney;
vocal selec-
clog dance.

X 29
chestra.
Richard Sey-

Y. Cooper.

Z 31
Katherine Katen-
Note, tenor;
Elba Frances

Miss Lydia

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Trianon

program

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Chicago.

W 27
Services at St. Paul's Epis-
copal Cathedral, broadcast from the

cathedral.

MONDAY, JULY 22.

12:30 p. m.—Concert by Schmeman's Concert Band broadcast from Belle Isle Park.

5 p. m.—The Detroit News Orchestra.

TUESDAY, JULY 23.

8:30 p. m.—Concert by Schmeman's Concert Band broadcast from Belle Isle Park.

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The Life of Your Tubes

By James S. Caulfield

Assoc. A. I. E. E.

Copyright, 1924 by Press Publishing Company (New York World). THE broadcast listeners who desire more information about the vacuum tubes used in radio sets are legion. From time to time The Evening World Radio Section has published articles on vacuum tubes, but apparently the paramount question is on the life of the vacuum tubes, particularly the difference between the straight circuit and the reflex circuit. Here is the question repeated: Is the life of a vacuum tube impaired when it is used in a reflex set?

Before answering this question, let us see why it was asked. What is the difference between the straight receiver and the reflex receiver? In the straight receiver the energy from the broadcasting station is carried through the various tubes directly to the telephones or the loud speaker. Each tube functions in one manner only. Now, in the reflex receiver two separate principles are used. Let us refer to Figure 1.

In A of Figure 1 the reference diagram shows the action in a straight reflex circuit. The energy from the broadcasting station passes through tubes No. 1 and No. 2, where it is amplified at radio frequencies. The energy now passes to tube No. 3, where it is detected or rectified. The energy which has become voice currents is now brought back to the first tube to receive additional amplification, which we call radio frequency amplification. Then it is brought to the second tube, where the voice currents are again amplified at audio frequencies, and then to the telephones. This is one form of reflex.

Referring to Figure 1 again, B shows another form of reflex circuit. This system is called the inverse duplex. The action of this circuit is as follows: The energy from the broadcasting station is brought through tubes No. 1 and No. 2, where it is amplified at radio frequencies, then into tube No. 3, where the energy is rectified or made into voice currents that are readily distinguished by the human ear. Instead of being brought back now to the first tube, as in Figure 1, the voice currents are brought to the second tube, where it receives audio frequency amplification, and then to tube No. 1, where it is again amplified at audio frequencies, and finally into the telephones.

The reader will readily see now that in a reflex circuit some of the tubes actually do the work of two tubes. Therefore one is justified in asking whether or not the tubes in a reflex will have shorter life because of the fact that the reflex tube does the

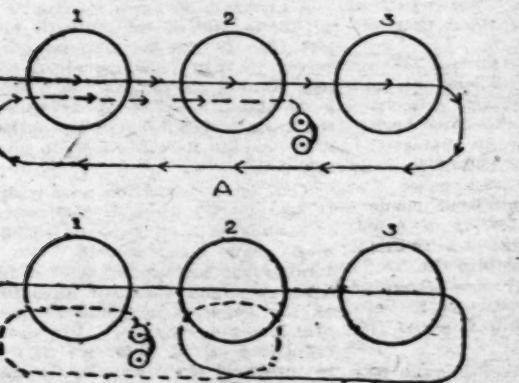


Fig. 1—Methods of Reflexing.

work of two tubes; that is, the reflex tubes act as both a radio frequency amplifier and an audio frequency amplifier.

But is the life of the tube actually shortened because the tube actually performs double duty? This is the answer: The life of a reflex tube is not shortened when used in a reflex circuit that is properly designed. However, the hardest work is actually done by the tube that operates the loud speaker. This is not only true for the reflex circuit, but for any circuit that operates a loud speaker. Let us repeat. The tube that operates the loud speaker actually does more work than any other tube in the circuit, regardless of the type of circuit used.

Let us refer to Figure 1 again. In the case of A in this figure, tube No. 2 does the most work because it operates the loud speaker. In the case of B, tube No. 2 does the most work because it operates the "oud speaker." In the straight circuit the last tube does the most work.

Articles have appeared from time to time by radio writers which have actually pointed out that the life of a tube is shortened when it is forced to do double duty. In other words, a reflex tube does not have as much life as a tube that is used straight. The main argument by these writers was that the life of the tube was shortened because of the exhaustion of the thorium coating on the filament. This assumption is untrue.

The only possible way to destroy the thorium coating on the filament is by excessive B battery voltage and excessive filament current and not by reflexing the tubes. However, due to the peculiar properties of the tube, the thorium can be restored by burning the tube at rated filament voltage for one and one-half times the period that the tube was burned at overload. Incidentally the plate voltage is not applied to the tube when trying to restore the thorium. For example, if you have burned your tube two hours at overload, disconnect your B battery and burn the tube for three to three and one-half hours at rated filament voltage. This applies particularly to the 199 and 201A type tubes.

There is a peculiar property of the 199 and 201A tubes. If the tube is burned at its rated voltage and the plate is supplied with the proper B battery voltage, the tube will not burn out except on short circuit. But the life of the tube is terminated by the loss of

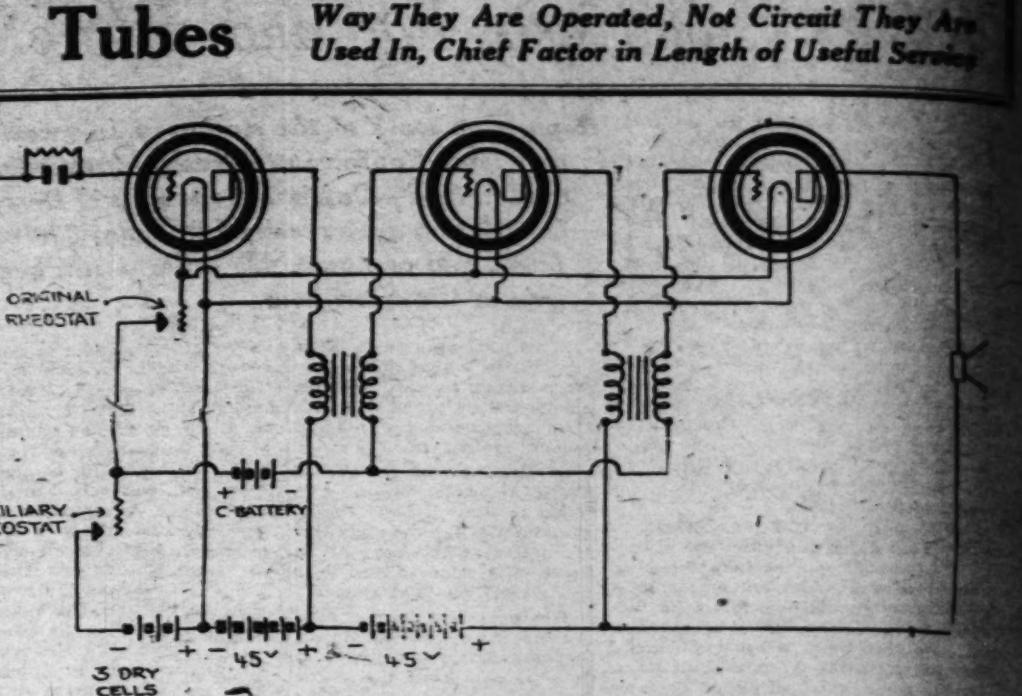


Fig. 3—The use of C Battery and External Rheostat.

electron emission. The loss of the emission does not occur continuously during the life of the filament, but quite suddenly and in a very short period at the end of its useful life. The loss of the electron emission is caused by the evaporation of the thorium on the filament. In the case of the 199 and the 201A type tubes the filament is made of tungsten, in which there is a small percentage, considerably under 5 per cent., of a material that has high electron activity. This active material in the case of the tungsten filament as at present used is thorium, and a chemical compound of this thorium is mixed with the tungsten early in the stage of manufacture of the metal from which the filament wire is drawn.

When the completed filament containing this active material is operated in a vacuum at a certain temperature there is a chance from a chemical compound to pure thorium. At this certain lower temperature there is a constant diffusion of these thorium atoms toward the surface of the filament. By this process, a layer of these thorium atoms one atom deep (and only one atom deep) is formed on the surface of the filament. This atomic layer of thorium is of high electron emissivity, so that ample electron emission is obtained from it at temperatures that would give practically no useful electron emission from a pure tungsten filament.

Thorium cannot remain definitely, however, on the surface of a hot filament because in comparison with tungsten it has a higher rate of evaporation, this rate of course, increasing rapidly with the temperature. At this point this evaporation is relatively slow, but it is quite appreciable. The instant that an atom of thorium evaporates from the surface there is a movement of atoms inside the body of the material which places another atom in the surface layer in the position occupied by the former atom, after which movement there is again equilibrium of thorium inside the filament.

A rough analogy of the actions just described is the case of a jar of liquid which is capable of forming bubbles. The production of pure thorium can be likened to the formation of air bubbles at the bottom of the jar and the diffusion of these thorium atoms to the surface of the filament can be likened to the air bubbles rising to the surface of the liquid. As in the case of the thorium atoms, these small air bubbles will distribute themselves until the entire surface is covered with bubbles one layer deep. If more bubbles are then formed at the bottom of the jar, they will rise until they strike the under surface of the surface layer of the bubbles and there will remain stationary, and it is possible to thus form a thick mass of bubbles, all stationary.

The evaporation of the thorium from the surface of the filament may be likened to the evaporation of the film of fine oil bubbles in the surface layer, which causes these bubbles to burst immediately and other bubbles from beneath rise to the surface, taking the place of the bubbles just destroyed. In the case of the filament the higher the temperature the greater the evaporation of the thorium from the surface, which would correspond in this analogy to the bubbles in the surface layer of the liquid bursting at more frequent intervals.

The bubble analogy is in one respect not a good one, and this point is that the volume occupied by the thorium atoms is only a very small portion of the total volume of the material near the surface of the filament. Yet in the case of the bubbles in the jar of liquid the volume of these bubbles under the surface is much greater than the volume occupied by the liquid. Therefore is the bubble analogy the layer of atoms one atom deep is not clearly portrayed, because the bubbles underneath crowd toward the surface, displacing practically all the liquid.

The reactions inside of the tungsten filament when operating at its normal temperature are such that the production of the thorium in the interior and the rate of its diffusion to the surface are proportioned so that at normal rated temperature they amply compensate for the loss of thorium atoms by evaporation.

Therefore the life of your tubes is impaired by the exhaustion of the thorium, which is caused by two things, namely, excess filament current and excessive B battery voltage. However, by using the method described above the thorium can be restored. The life of the tube is terminated by the evaporation of the thorium and not by the exhaustion of the thorium. Now what about the reader who claims that his vacuum tubes do not last as long as they should? The answer to this is in the first sentence in this paragraph. Then what should one do to operate the vacuum tubes at the rated voltages? There are several things, and they follow:

One of the important considerations in vacuum tube practice is the connection of the grid return. This connection will not prolong the life of your tubes. However, as long as we are on the subject of tubes we must well consider it in our discussion. Figure 2 shows the various connections. At A we have the connections when the tubes are used for detection purposes. In this case the grid return is brought to the positive side of the A battery. The grid leak and

grid condenser are connected in the conventional manner. For the 199 and 201A tubes this connection must be used regardless of the type of circuit in which the tubes are to be used, and this connection is for detection only. At B we have the connection when the tubes are to be used as amplifiers. The grid condenser and grid leak are not necessary in an amplifier. In this case the grid return is brought to a C battery and in turn the C battery is connected to the negative side of the filament. If one is using one stage of amplification and telephones the C battery is not necessary. When the C battery is omitted the grid return is brought to the negative side of the A battery.

However, if one is using a loud speaker the C battery is as important as the tube. A C battery is essential in all audio frequency amplifier circuits. The majority of readers are under the impression that the C battery will improve the quality of the sound. This is true to a very small extent. What the C battery really does is to prevent the oversteering of the tubes and it prevents distortion. The C battery will improve the tonal quality a bit by rounding out the notes and, incidentally, one will find that my old C battery to any audio frequency amplifier the volume becomes greater. This is true when the plate voltage and the filament voltage are adjusted to the proper value. Figure 2 shows the proper connection of the C battery in a two-stage audio frequency amplifier circuit. The following are the C battery voltage ratings for the various B battery voltages:

C Voltage	40 volts	45 volts	50 volts	55 volts	60 volts	65 volts	70 volts	75 volts	80 volts	85 volts	90 volts	95 volts
B Voltage	1.0-1.5 volts											
40 volts	40 volts	40 volts	40 volts	40 volts	40 volts	40 volts	40 volts	40 volts	40 volts	40 volts	40 volts	40 volts
45 volts	45 volts	45 volts	45 volts	45 volts	45 volts	45 volts	45 volts	45 volts	45 volts	45 volts	45 volts	45 volts
50 volts	50 volts	50 volts	50 volts	50 volts	50 volts	50 volts	50 volts	50 volts	50 volts	50 volts	50 volts	50 volts
55 volts	55 volts	55 volts	55 volts	55 volts	55 volts	55 volts	55 volts	55 volts	55 volts	55 volts	55 volts	55 volts
60 volts	60 volts	60 volts	60 volts	60 volts	60 volts	60 volts	60 volts	60 volts	60 volts	60 volts	60 volts	60 volts
65 volts	65 volts	65 volts	65 volts	65 volts	65 volts	65 volts	65 volts	65 volts	65 volts	65 volts	65 volts	65 volts
70 volts	70 volts	70 volts	70 volts	70 volts	70 volts	70 volts	70 volts	70 volts	70 volts	70 volts	70 volts	70 volts
75 volts	75 volts	75 volts	75 volts	75 volts	75 volts	75 volts	75 volts	75 volts	75 volts	75 volts	75 volts	75 volts
80 volts	80 volts	80 volts	80 volts	80 volts	80 volts	80 volts	80 volts	80 volts	80 volts	80 volts	80 volts	80 volts
85 volts	85 volts	85 volts	85 volts	85 volts	85 volts	85 volts	85 volts	85 volts	85 volts	85 volts	85 volts	85 volts
90 volts	90 volts	90 volts	90 volts	90 volts	90 volts	90 volts	90 volts	90 volts	90 volts	90 volts	90 volts	90 volts
95 volts	95 volts	95 volts	95 volts	95 volts	95 volts	95 volts	95 volts	95 volts	95 volts	95 volts	95 volts	95 volts

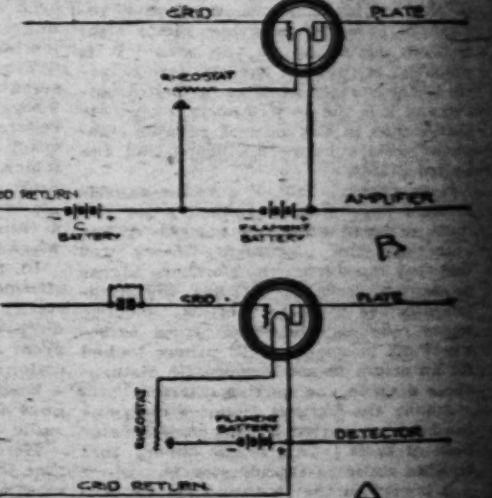


Fig. 2—Grid Return Connection.

Try a C battery to-night and note the difference. It will aid the proper operation of your tubes.

There are many times when the operator of a radio receiver unconsciously impairs the life of his tubes when tuning the set. The example is where the turns on the rheostat until the tubes become bright, then turning the potentiometer at any setting. Then when tuning is started the potentiometer is varied for the best sensitivity. This is not wrong, when starting to tune a radio receiver set the potentiometer at about mid-point or any point that will prevent burning the tubes as low as possible and at the same time permit the circuit to oscillate.

Last but not least is the consideration of rheostats. The rheostat is your control of the proper filament voltage of the tubes. In Figure 2 you will note two rheostats. The external rheostat should be added when the resistance of the original rheostat is not sufficient to properly control the tubes. The resistance of the rheostat for one 199 tube, operated from dry cells, should be 30 ohms; for two tubes 30 ohms, and for three tubes, 30 ohms. It is to be understood that the tubes are to be connected in parallel and that the voltage supplied by three dry cells connected in series and the storage battery is six volts.

Rheostats for 199 tubes operated from a storage battery should have the following resistances: for one tube, 30 ohms; for two tubes, 30 ohms, and for three tubes, 30 ohms. It is to be understood that the tubes are to be connected in parallel and that the voltage supplied by three dry cells connected in series and the storage battery is six volts.

It is not economical to use dry cells with the 199 tubes. The resistance of the rheostat for controlling one tube receiving a potential from a storage battery is 30 ohms, for two tubes 15 ohms and for three tubes 10 ohms. If the resistances outlined above are used the reader will have the proper regulation of the filament voltage. As a parting shot I will say, try to turn tubes as low as possible consistent with good volume and quality.

Mills Helps Local City
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Heads Help Local City

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